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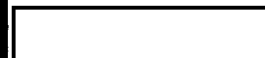
PHOTOGRAPHIC INTERPRETATION REPORT



VITAL RECORDS COPY

MISSION 4022
1 - 4 OCTOBER 1965

PART III



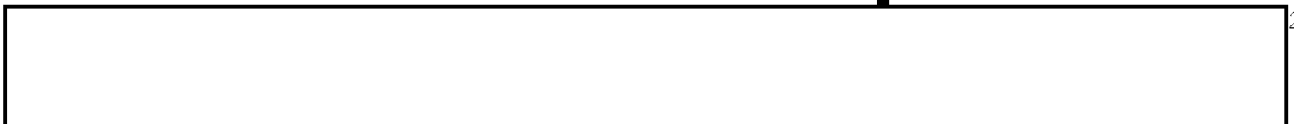
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OAK - PART III

MISSION 4022

PREFACE

THIS IS THE THIRD AND FINAL OAK REPORT ON MISSION 4022 AND PROVIDES INFORMATION ON THOSE COMMITTEE ON OVERHEAD RECONNAISSANCE (COMOR) TARGETS OBSERVED ON THE PHOTOGRAPHY.

TARGETS ARE ARRANGED IN THE OAK BY SUBJECT AND WITHIN EACH SUBJECT BY COMOR TARGET NUMBER. TARGETS OF OPPORTUNITY OBSERVED DURING THE OAK REPORTING PERIOD ARE LISTED NUMERICALLY UNDER THE APPROPRIATE SUBJECT AFTER THE LISTING OF COMOR TARGETS. LOCATIONS OF TARGETS IN THIS REPORT ARE INDICATED BY THE COUNTRY CODE PRECEDING THE COORDINATES.

SELECTED PHOTOGRAPHIC REFERENCES FOR EACH TARGET OBSERVED AND REPORTED FOLLOW THE DESCRIPTION OF THE TARGET. PASS NUMBERS ARE SUFFIXED WITH THE LETTER D FOR DESCENDING (NORTH-TO-SOUTH). FRAMES ARE INDICATED BY THE FRAME NUMBER WITH AN INDEX NUMBER RUNNING CONSECUTIVELY FROM THE BEGINNING OF EACH PASS -- 4/8 FOR EXAMPLE, MEANS FRAME 4, INDEX 8. UNIVERSAL REFERENCE GRID (X-Y) COORDINATES ARE GIVEN IN PARENTHESIS AFTER THE INDEX NUMBER TO WHICH THEY APPLY. THIS GRID IS IDENTIFIED AS UNIVERSAL GRID NO 1, FEB 64. SYMBOLS INDICATING CONDITIONS WHICH AFFECT THE APPEARANCE OF THE TARGET ON THE PHOTOGRAPHY ARE -- C (CLEAR), SC (SCATTERED CLOUDS), HC (HEAVY CLOUDS), H (HAZE), CS (CLOUD SHADOW), S (SNOW), O (OBLIQUITY), SD (SEMI DARKNESS), GC (GROUND COVER), CF (CAMOUFLAGE), AND GR (GROUND RESOLUTION).

INTERPRETABILITY OF THE PHOTOGRAPHY IS CATEGORIZED AS G (GOOD), F (FAIR), OR P (POOR). THE EXTENT OF PHOTOGRAPHIC COVERAGE IS DENOTED BY THE SYMBOLS T (TOTAL) OR PT (PARTIAL). THE MODE OF COVERAGE IS INDICATED BY ST (STEREO), NS (NON-STEREO), OR PS (PARTIAL STEREO).

OAK RECIPIENTS ARE CAUTIONED THAT THE INITIAL SCAN OF THE PHOTOGRAPHY IS BEING ACCOMPLISHED IN A SHORT TIME AND PRIOR TO FINAL REFINEMENT OF EPHEMERIS DATA. CONSEQUENTLY, FUTURE DETAILED ANALYSIS MAY RESULT IN MINOR ALTERATIONS.

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Highlights

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HIGHLIGHTS1. JABAL HAMZI SSM COMPLEX

GOOD PHOTOGRAPHY PERMITS DESCRIPTION AND IDENTIFICATION OF SEVERAL FEATURES NOT PREVIOUSLY REPORTED. THE FACILITY CONTAINS A COMBINATION LAUNCH/TEST STAND OF UNUSUAL DESIGN.

2. GOMEL FIXED FIELD MRBM SITE 1

LAUNCH RINGS AND WHEEL CHOCKS VISIBLE ON 2 OF THE LAUNCH POSITIONS.

3. KAPUSTIN YAR/VLADIMIROVKA MISSILE TEST CENTER

MISSILE ACTIVITY/EXERCISES ARE OBSERVED AT LAUNCH SITES 1A-2, 2C-2, 3C AND 5C-1. A SLENDER TOWER IS DISCERNIBLE ADJACENT TO THE SW SILO AT SITE 4C-1. TWO POSSIBLE SHADDOCK TEL, 2 SS-5 FUEL TRANSPORTERS, 1 SS-5 MISSILE ON TRANSPORTER, AN ERECTOR AND 1 POSSIBLE SCAMP VISIBLE AT SITE 5C-1. A NEW BUILDING HAS BEEN CONSTRUCTED BETWEEN SITE 5C-1 AND 5C-2. A TOTAL OF 231 AIRCRAFT ARE DISCERNIBLE AT THE AKHTYUBINSK/VLADIMIROVKA AIRFIELD.

4. SARY-SHAGAN LNCH COMPLEX B

LAUNCH COMPLEX B IS COVERED IN ITS ENTIRETY BY GOOD STEREO PHOTOGRAPHY, THE BEST RECEIVED TO-DATE, AND MISSILES (OTHER THAN THOSE AT SAM SITE B27-2) ARE OBSERVED FOR THE FIRST TIME AT THE COMPLEX. AT LAUNCH FACILITY B, AN UNIDENTIFIED MISSILE IS OBSERVED ON EACH OF THE 2 RAIL-TYPE LAUNCHERS AT THE SEMICIRCULAR PADS B1 AND B2. THE TWO MISSILES APPEAR SIMILAR AND HAVE AN OVERALL LENGTH OF APPROXIMATELY BOOSTER LENGTH APPROXIMATELY

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6. DNEPROPETROVSK MISSILE DEVELOP PROD CTR

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MANY FEATURES NOT PREVIOUSLY REPORTED ARE EVIDENT. THE MOST SIGNIFICANT ARE A 4TH VERTICAL TEST STAND, A PROBABLE HYDROSTATIC TEST BUILDING, A PROBABLE PROPELLANT PREPARATION FACILITY AND A HORIZONTAL TEST STAND.

7. LENINGRAD NORTHWEST AMM/SAM LAUNCH COMPLEX

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A LAUNCHER IS EMPLACED AT EACH LAUNCH POSITION OF SITES C, D AND E. THERE ARE NONE AT SITES A AND B. CAMOUFLAGE COVERS A PORTION OF THE REVETTED CENTER POSITION OF THE ELECTRONIC SITE AND THE AREAS WHERE VANS WERE PREVIOUSLY OBSERVED ADJACENT TO RADAR POSITIONS 1, 3, AND 4. A MOTTLED PATTERN HAS BEEN APPLIED TO SEGMENTS OF THE ELECTRONIC SITE SERVICE ROADS.

8. NOVAYA MEZINOVKA REGIONAL MIL STOR INSTLN

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OVER 1,100 VEHICLES/PIECES OF EQUIPMENT AND 27 PROBABLE MISSILE CHECKOUT TENTS ARE IDENTIFIED. INCLUDED ARE SS-4 AND POSSIBLY SS-5 MISSILE TRANSPORTERS, PROBABLE SS-1 SCUD TRANSPORTERS, PROBABLE SS-4 AND SS-5 FUEL TRAILERS AND PROBABLE SS-4 OXIDIZER TRAILERS.

9. KOMSOMOLSK AIRFRAME PLT ORDZHONIKIDZE 126

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IN THE NORTHWEST SECTION OF AIRFRAME PLANT 126 ARE 16 PROBABLE MISSILE AIRFRAMES WHICH MEASURE FT.

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10. MOSCOW CENTRAL INSTITUTE OF AERO-ENGINES (AIRFIELD BONUS)

THE INSTITUTE IS LOCATED 6 NM WEST OF RAMENSKOYE FLIGHT TEST CENTER.

11. ELECTRONICS/COMMUNICATION (BONUS)

TWO TALL KING-AW RADAR FACILITIES ARE NEWLY IDENTIFIED. ONE IS LOCATED 2 NM WSW OF AYAGUZ, USSR. AT 47-56N 080-23E AND

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A TALL KING-AD HEADQUARTERS FACILITY IS NEWLY IDENTIFIED 2.5 NM NE OF SOVETSKAYA GAVAN/VANINO AIRFIELD AT 49-03N 140-16E. NORTHEAST OF VORKUTA AT 67-31N 064-08E, A TALL KING FACILITY IS NEWLY IDENTIFIED.

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12. KHABAROVSK ORD DEPOT KRASNAYA RECHKA 154

FOUR SS-4 MISSILE ERECTORS, 67 SA-2 LAUNCHERS, 38 SA-2 TRANSPORTERS, 12 FLATBED TRACTOR TRAILERS, 120 CARGO TRUCKS (8 WITH TRAILERS), 27 VAN TRUCKS, 38 CANVAS-COVERED UNIDENTIFIED TRUCKS, 52 VAN TRAILERS, 28 PROBABLE FA PIECES, 147 AAA GUNS, AND APPROXIMATELY 500 UNIDENTIFIED VEHICLES/PIECES OF EQUIPMENT ARE OBSERVED.

13. GOLOVSHINO SENSITIVE OPERATIONS COMPLEX

BUILDINGS, ROADS AND APRONS IN THE OPERATIONS SUPPORT FACILITY ARE NOW CAMOUFLAGED WITH DISRUPTIVE PAINT.

STATUS OF COMOR TARGET READOUT

EIGHTY-SEVEN COMOR TARGETS WERE OBSERVED DURING THE OAK REPORTING PERIOD AND ARE CONTAINED IN THIS OAK.

TABULAR SUMMARY

A RECAPITULATION OF SIGNIFICANT ACTIVITY IS PRESENTED IN THE FOLLOWING TABLES ON SUCCEEDING PAGES --

TABLE 1 -- SOVIET ICBM DEPLOYMENT
TABLE 2 -- SOVIET MRBM AND IRBM DEPLOYMENT
TABLE 3 -- SAM AND AMM/SAM DEPLOYMENT
TABLE 4 -- NUCLEAR ENERGY ACTIVITY
TABLE 5 -- AIRCRAFT ACTIVITY
TABLE 6 -- SUBMARINE ACTIVITY
TABLE 7 -- DATE AND TIME OF PHOTOGRAPHIC PASSES

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Table 1. Soviet ICBM Deployment MISSION (4022)

Complex	Launch Area																			Total Soft Sites	Total Hard Sites	Total Single Sites	Total Launch Positions
	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S				
Aleyak	III C	III C	III C	III C	III C	III C															6	6	6
Dombrovskiy	III C	III C	III C	III C	III C	III C	III C	III C	III C	III C	III C	III C	III C	III C	III C	III C	III C	III C	III C		11(1+)	11(1+)	11(1+)
Drovyannaya	III B	III A	III D	III A	III A	III A	III D	III D	III D	III D	III D	III D	III D	III D	III D	III D	III D	III D	III D	3	23	20	35
Gladkaya	III D	III D	III A	III A	III A	III A	III D	III D	III D	III D	III D	III D	III D	III D	III D	III D	III D	III D	III D	2	19 (7+)	18 (7+)	25 (7+)
Imeni Gastello	III C	III C	III C	III C	III C	III C	III C	III C	III C	III C	III C	III C	III C	III C	III C	III C	III C	III C	III C		11	11	11
Itarka	III B	III B	III D	III D	III D	III D	III D	III D	III D	III D	III D	III D	III D	III D	III D	III D	III D	III D	III D	3			6
Kartaly	III C	III C	III C	III C	III C	III C	III C	III C	III C	III C	III C	III C	III C	III C	III C	III C	III C	III C	III C		13(2+)	13(2+)	13(2+)
Kostroma	III B	III B	III B	III B	III A	III D	III D	III D	III D	III D	III D	III D	III D	III D	III D	III D	III D	III D	III D	6	1		15
Kozelsk	III C	III C	III B	III B	III B	III B	III B	III B	III B	III B	III B	III B	III B	III B	III B	III B	III B	III B	III B	3	2		12
Novosibirsk	III B	III A	III A	III A	III D	III D	III D	III D	III D	III D	III D	III D	III D	III D	III D	III D	III D	III D	III D	3	2		12
Olvyannaya	III A	III A	III A	III A	III D	III D	III D	III D	III D	III D	III D	III D	III D	III D	III D	III D	III D	III D	III D		38	35	44
Omak	III B	III B	III B	III D	III D	III A	III D	III D	III D	III D	III D	III D	III D	III D	III D	III D	III D	III D	III D		1		3
Perm	III B	III B	III B	III D	III D	III A	III D	III D	III D	III D	III D	III D	III D	III D	III D	III D	III D	III D	III D	5	15(3+)	14(3+)	27(3+)
Plesetsk*	III A	III A	III A	III C	III C	III C	III C	III C	III C	III C	III C	III C	III C	III C	III C	III C	III C	III C	III C	10*	1		19
Shadrinsk	III A	III A	III A	III A	III A	III A	III A	III A	III A	III A	III A	III A	III A	III A	III A	III A	III A	III A	III A		3		9
Svobodnyy	III B	III B	III B	III D	III D	III A	III D	III D	III D	III D	III D	III D	III D	III D	III D	III D	III D	III D	III D	7	1		17
Tatishchevo	III D	III D	III D	III D	III D	III D	III D	III D	III D	III D	III D	III D	III D	III D	III D	III D	III D	III D	III D		36 (4+)	36 (4+)	36 (4+)
Teykovo	III B	III B	III B	III D	III D	III D	III D	III D	III D	III D	III D	III D	III D	III D	III D	III D	III D	III D	III D	6			12
Tyumen	III C	III C	III C	III C	III C	III C	III C	III C	III C	III C	III C	III C	III C	III C	III C	III C	III C	III C	III C	2			4
Uzbur	III C	III C	III C	III C	III C	III C	III C	III C	III C	III C	III C	III C	III C	III C	III C	III C	III C	III C	III C		17	17	17
Verkhnyaya Salda	III B	III A	III A	III B	III B	III A	III A	III A	III D	III D	III D	III D	III D	III D	III D	III D	III D	III D	III D	7	2		20
Yedrovo	III B	III B	III D	III A	III A	III A	III D	III D	III D	III D	III D	III D	III D	III D	III D	III D	III D	III D	III D	6	2		18
Yoshkar-Ola	III B	III B	III B	III D	III D	III D	III D	III D	III D	III D	III D	III D	III D	III D	III D	III D	III D	III D	III D	6			12
Yurya	III A	III A	III B	III B	III A	III B	III A	III A	III D	III D	III D	III D	III D	III D	III D	III D	III D	III D	III D	8	3		25
Zhangiz-Tobe	III C	III C	III C	III C	III C	III C	III C	III C	III C	III C	III C	III C	III C	III C	III C	III C	III C	III C	III C		11 (1+)	11 (1+)	11 (1+)
Deployment Total																				77	218 (18+)	192 (18+)	420 (18+)
Grand Total																				89	239 (18+)	211 (18+)	469 (18+)
Tyuratam MTC	C	C	C	C	C	C	L	C	C	M	M	L											

*Includes Launch Points I-IV, complete, but does not include 2 SSM pads at Launch Area F
 **Carried as Launch Group
 † Possible

Construction Status (C-complete, L-late, M-mid, E-early)
☐ Newly Identified

★ Dropped From Listings
 ○ Covered by current mission

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Table 2. Soviet MRBM and IRBM Deployment

Geographic Area	Soft MRBM Launch Areas	Soft IRBM Launch Areas	Hard MRBM Launch Areas	Hard IRBM Launch Areas	Total Launch Areas	Total Launch Positions
Western	120	11	18	10	159	624
Caucasus	3		2	3	8	29
Central Asia	2	3	1	3	9	33
Far Eastern	10	1		1	12	47
Totals	135	15	21	17	188	733

Totals do not include 93 fixed field-type sites with total of 348 launch positions and one launch facility at Sovetskaya Gavan.

Table 3. SAM and AMM/SAM Deployment

		Country																	
		USSR	Albania	Bulgaria	Czechoslovakia	Hungary	Poland	Rumania	Yugoslavia	China	North Korea	Indonesia	Egypt	Cuba	India	North Vietnam	Totals		
SAM sites	SA-1	56															56	Confirmed	
																		Probable	
	SA-2	1															1	Training	
		1029*	2	19	23	16	30	18	4	16	2	5	27	22**	11	24	1301	Confirmed	
		6			1					1							9	Probable	
SA-3	9								2					1		3	Possible		
	109										1	1				11	Training		
																109	Confirmed		
SA-2 SAM Support Facilities		3															4	Probable	
		2				1											2	Training	
	193	1	4	6	3	6	2			1	1	4	6	3		234	Confirmed		
	1						1									3	Probable		
	1							1								2	Possible		
SA-3 SAM Assembly Facilities		12														12	Confirmed		
																	Probable		
																	Possible		
AMM/SAM Complexes		8														8	Confirmed		
																	Probable		
																	Possible		

*Does not include alternate sites, USSR.

**Does not include 29 abandoned sites.

TOTALS AS OF MISSION (4022)

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Table 5. Aircraft Activity

PREVIOUS SIGNIFICANT AIRCRAFT COUNT										OBSERVED THIS MISSION (4022)									
Airfield	Last Effective Coverage	BEAR	BISON	BLINDER	BADGER	MANDRAKE	TOTALS	BEAR	BISON	BLINDER	BADGER	MANDRAKE	TOTALS	BEAR	BISON	BLINDER	BADGER	MANDRAKE	TOTALS
Akhubinsk/Vladimirovka	1	18/B	5	28	24	55 B/M	76	2	6	28	38		74						
Alekseyevka				51			51			57			57						
Anadyr/Leninka				7			7			6			6						
Anisovo Gorodishche				45			45												
Arkhangelsk/Kholm				23			23												
Artem North				30	1=		31												
Baranovichi *			16#	17#			33												
Belaya				52	1=		53												
Belaya Teerkov	4	3#		52#			60												
Bobruysk*				56			56												
Borzya Northwest				9#			9												
Bykov*				52			52												
Chepelevka*		33	B/B				33	38					38						
Chervono-Glinakoye *				8			8												
Dolon*	18	19 B/B					37	40					40						
Engels *		35		3	1=		39												
Gofmana							0												
Gomel/Pribytki			40	17			57												
Kalinin *				55			55												
Kaliningrad/Proveren			20	5			25												
Karankut*				26			26												
Kazan Airframe Plant Gorbunov 22			11#	12#			23												
Khorol East							0												
Mal-Yavr				25#			25												
Melitopol							0												
Minak/Machulishche *			18	4			22												
Mirgorod				30			30												
Mozdok *		21					21	22					22						
Nagurskoye							0												
TOTALS		53	78	134	1192	40	1561	103	6	13	187	38	347						
		64 B/B																	

*POSSIBLE #PROBABLE **BADGER/CAMEL B/C BEAR/CLEAT B/B BEAR/BISON B/M BEAGLE/MANDRAKE

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Table 6. Submarine Activity.

Base	Last Effective Coverage	Previous Submarine Count														Observed this Mission (4022)															
		SSBN, H-class	SSBN, E-class	SSB, C-class	SSB, Z-conversion	SSG, J-class	SSG, W-LONGBN	SSY, X-class	SS, F-class	SS, Z-class	SS, R-class	SS, W-class	SS, Q-class	SS, Unidentified M.Y.S.S., etc.)	TOTALS	SSBN, H-class	SSBN, E-class	SSB, C-class	SSB, Z-conversion	SSG, J-class	SSG, W-LONGBN	SSY, X-class	SS, F-class	SS, Z-class	SS, R-class	SS, W-class	SS, Q-class	SS, Unidentified M.Y.S.S., etc.)	TOTALS		
Balaklava													9	11																	
Bukhta Konyushkova				1†	1†				6†	1†				9																	
Dunay								1F/Z						1																	
Gorkiy													1†	1																	
Guba Litsa			1†				7†						6	16																	
Guba Olenya								4† F/Z	6† W/R				2†	12																	
Guba Sayda			1†	2†									5	8																	
Guba Ura										18† W/R				18																	
Iokanga							1†						8	9																	
Komsomolsk														0		1													1		
Kronshtadt								4F/Z	6W/R				2	17																	
Leningrad					1†								2	5																	
Liepaja													9†	9																	
Magadan										3†				3																	
Pechenga													8†	8																	
Petropavlovsk			1†										8	15																	
Petrovka			2†	1†									5† 1†	6																	
Polyarnyy				1†				6 R/Z	5 W/R				8	32																	
Riga								4† F/Z					7 1†	11																	
Rosta				5†				3† F/Z	4†				4†	6	20																
Sevastopol							1† F/Z	1†				3†	11																		
Severodvinsk				1†		2†			6 W/R	1† W/R		1†	11																		
Severomorsk												4	1																		
Sovetskaya Gavan												0† 1†	1																		
Tallinn												1†	7	7										7 W/R			1†	8			
Vladimir												3	5												9†	1†		10			
Vladivostok												4†	5												2 W/R			4			
Zaliv Strelak			2			1†		2 F/Z		8		1†	7	22			2		1†		1†		1†				4	11			
			1									1	1†	3													2†	11			
TOTALS		1	6	11	1	2	2	10			22	3	141	8	274		1	3			1		1		1	9	6	3	34		
		25F/Z 42 W/R														9 W/R															
† POSSIBLE †PROBABLE																															

25 F/Z 42 W/R

9 W/R

† POSSIBLE ‡ PROBABLE

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JABAL HAMZI SSM COMPLEX

EG 3007N 03037E

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GOOD PHOTOGRAPHY PERMITS DESCRIPTION AND IDENTIFICATION OF SEVERAL FEATURES NOT PREVIOUSLY REPORTED. THE FACILITY CONTAINS A COMBINATION LAUNCH/TEST STAND OF UNUSUAL DESIGN. THE STAND IS A DARK COLORED, MASSIVE CONCRETE STRUCTURE OVERHANGING THE SLOPE OF A LOW HILL. AN UNUSUALLY LONG FLAME BUCKET PROJECTS FROM BENEATH THE FLOOR TOWARD THE NE. A TIE-DOWN POSITION LOCATED NEAR THE NE EDGE OF THE STAND APPEARS TO BE RAISED ABOVE THE FLOOR. THE LACK OF MASSIVE SUPERSTRUCTURE NORMALLY FOUND ON ENGINE TEST STANDS IS PROBABLY INDICATIVE OF THE DUAL PURPOSE OF THE STAND. A DARK X-SHAPED MARK IS LOCATED APPROXIMATELY 440 FT TO THE SW AT THE END OF A RAMP LEADING TO THE FLOOR OF THE STAND. TWO OTHER SUCH MARKS ARE ALSO OBSERVED IN THE AREA, AND ARE ALIGNED WITH THE FIRST MARK IN A GENERALLY WNW LINE.

THE SUPPORT AREA CONTAINS A LARGE IRREGULAR-SHAPED OPERATIONS/ADMINISTRATION BUILDING, 4 SMALL PARALLEL QUONSET BUILDINGS, 1 RECTANGULAR SUPPORT BUILDING, 1 L-SHAPED PROBABLE CHECKOUT BUILDING, 4 BUILDING FOUNDATIONS, 13 OTHER SUPPORT BUILDINGS AND 3 SMALL BUILDINGS UNDER CONSTRUCTION.

A POSSIBLE MISSILE ON A TRANSPORTER IS LOCATED NEAR THE NE END OF THE L-SHAPED CHECKOUT BUILDING. THE MISSILE APPEARS AS A WHITE OBJECT APPROXIMATELY [REDACTED] IN LENGTH WITH 2 BLACK STRIPES PAINTED AROUND THE BODY NEAR THE ENGINE END. THE MISSILE GIVES THE APPEARANCE OF HAVING UNUSUALLY LARGE FINS.

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(SEE ATTACHMENT)

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SOVETSKAYA GAVAN MRBM LAUNCH FACILITY

UR 4904N 14007E

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NO NEW CONSTRUCTION OR CHANGES IN FACILITIES SINCE [REDACTED] TWO PROBABLE MISSILE TRANSPORTERS, 1 PROBABLE MISSILE ERECTOR UNDER CANVAS, 1 UNIDENTIFIED OBJECT AND 5 CARGO VEHICLES ARE OBSERVED ON THE WESTERNMOST LAUNCH PAD. ONE MISSILE READY TENT IS OBSERVED ON THE EASTERN LAUNCH PAD. ON THE CENTER LAUNCH PAD ARE 8 UNIDENTIFIED VEHICLES. NO ACTIVITY IS

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DISCERNIBLE ON THE NORTHERNMOST PAD.

(SEE ATTACHMENT)

GOMEL FIXED FIELD MRBM SITE 1

UR 5220N 03051E

NO MISSILES OBSERVED. LAUNCH RINGS AND WHEEL CHOCKS VISIBLE ON 2 OF THE LAUNCH POSITIONS. A SMALL CIRCULAR EXCAVATION IS VISIBLE IN THE CENTER OF 1 OF THE LAUNCH POSITIONS. A SMALL POSSIBLE STRUCTURE IS PRESENT AT 2 OF THE POSITIONS.

(SEE ATTACHMENT)

KAPUSTIN YAR/VLADIMIROVKA MSL TEST CTR

UR 4835N 04545E

NO NEW MISSILE FACILITIES OBSERVED IN CLEAR PORTIONS OF PHOTOGRAPHY.

FOR READOUT OF AKHTUBINSK/VLADIMIROVKA AIRFIELD.

KAPUSTIN YAR LAUNCH COMPLEX A

UR 4842N 04615E

NO APPARENT CHANGE IN LAUNCH FACILITIES. AN EXERCISE IS UNDER WAY AT LAUNCH SITE 1A-2. THREE, AND POSSIBLY 4, SMALL VEHICLES ARE ON THE PAD, 8 ARE IMMEDIATELY NORTH OF THE PAD, AND 3 LARGE AND 6 SMALL POSSIBLE VEHICLES ARE NORTH OF THE DRIVE-IN REVETMENTS.

THERE ARE UNIDENTIFIED VEHICLES IN THE LARGE AND THE SMALL ASSEMBLY AND CHECKOUT AREAS, AND IN THE MOTOR POOL AT THE HOUSING AREA.

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KAPUSTIN YAR LAUNCH COMPLEX B

UR 4841N 04616E

NO MISSILES, MISSILE-RELATED EQUIPMENT, OR CHANGES IN FACILITIES OBSERVED. SEVERAL SMALL VEHICLES OBSERVED IN THE COMPLEX.

NO ACTIVITY OBSERVED IN BIVOUAC AREA SW OF COMPLEX.

KAPUSTIN YAR LNCH COMPLEX C (SITES 2,4-9) UR 4836N 04616E

LAUNCH AREA 1C (SITE 7) -- IN ADDITION TO THE RAIL-SERVED ERECTORS ON 1C-2 AND 1C-3, AT LEAST 6 UNIDENTIFIED VEHICLES/PIECES OF EQUIPMENT ARE IN THE LAUNCH AREA AND AT LEAST 3 ARE ON THE HEXAGONAL APRON IN THE 1C FINAL CHECKOUT AREA.

LAUNCH AREA 2C (SITE 6) -- AN SS-4 EXERCISE IS UNDERWAY ON PAD 2C-2. A TRANSPORTER, ERECTOR, 2 OXIDIZER TRANSPORTERS, 1 FUEL TRANSPORTER, AND 16 ADDITIONAL SUPPORT VEHICLES OBSERVED. A PROBABLE MISSILE SERVICE TOWER AND UNIDENTIFIED STRUCTURE AND 2 UNIDENTIFIED VEHICLES/PIECES OF EQUIPMENT ARE ON PAD 2C-1. THE OPEN DITCH OBSERVED ON [REDACTED] HAS BEEN BACKFILLED AND 1 NEW BUILDING HAS BEEN COMPLETED IN THE SUPPORT AREA. A OPEN DITCH EXTENDS NORTH AT THE LAUNCH AREA TO A RECTANGULAR WASTE POND.

LAUNCH AREA 3C (SITE 5) -- A MISSILE-READY TENT AND 6 UNIDENTIFIED VEHICLES/PIECES OF EQUIPMENT ARE ON THE SW DUMBELL. THREE VEHICLES/PIECES OF EQUIPMENT ARE ADJACENT TO THE ONLY REMAINING TRAINING-MISSILE MOCKUP. THREE EMPTY MISSILE TRANSPORTERS (1 POSSIBLE) AND 8 UNIDENTIFIED VEHICLES ARE IN THE 3C FINAL CHECKOUT AREA.

LAUNCH AREA 4C (SITE 4) -- THE RAIL EXTENDS TO THE LEFT REAR SILO WHICH IS OPEN. A SLENDER TOWER IS ADJACENT TO THIS SILO. THE TWO FORWARD SILOS ARE BOTH OPEN AND APPEAR IDENTICAL. THE 65 FT-HIGH STRUCTURE IS MOVED FORWARD OF THE SILO AND AT LEAST 20 VEHICLES/PIECES OF EQUIPMENT ARE WITHIN THE SITE.

IN LAUNCH SITE 4C-2 THE SILOS ARE ALL CLOSED. ONE EMPTY SS-5 TRANSPORTER, 2 POSSIBLE TRANSPORTERS, AND 8 VEHICLES/PIECES OF EQUIPMENT ARE WITHIN THE SITE. A PROBABLE SS-5 ON A TRANSPORTER, 1 SUSPECT ERECTOR, AND

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1 UNIDENTIFIED VEHICLE ARE ON THE ROAD LEADING FROM THE SITE.

LAUNCH AREA 5C (SITE 2) -- A SS-5 MISSILE ON A TRANSPORTER AND AN ERECTOR ARE ON THE NORTH PAD IN LAUNCH SITE 5C-1. TWO POSSIBLE SHADDOCK TEL AND 2 UNIDENTIFIED VEHICLES ARE PARKED IN FRONT OF THE ROAD PATTERN WITHIN THE SITE. TWO SS-5 FUEL TRANSPORTERS AND 4 UNIDENTIFIED VEHICLES ARE PARKED ON THE APRON IN THE FRONT OF THE SITE ROAD PATTERN. A POSSIBLE SCAMP IS ON AN APRON WITHIN THE SITE. FOUR ADDITIONAL UNIDENTIFIED VEHICLES ARE WITHIN THE SITE. A NEWLY IDENTIFIED RECTANGULAR STEP-ROOFED BUILDING IS LOCATED BETWEEN LAUNCH SITES 5C-1 AND 5C-2 BUT IS WITHIN THE 5C-1 FENCE. A CIRCULAR EXCAVATION AND A POSSIBLE VEHICLE ARE ADJACENT TO THIS BUILDING. UNIDENTIFIED CONSTRUCTION ACTIVITY IS STILL UNDERWAY ON THE SOUTHERN PAD OF LAUNCH SITE 5C-1. LAUNCH SITE 5C-2 REMAINS ABANDONED.

MISSILE ASSEMBLY AND CHECKOUT AREA -- NO APPARENT CHANGE IN FACILITIES. AT LEAST 12 RAILROAD CARS AND AT LEAST 20 VEHICLES/PIECES OF EQUIPMENT ARE WITHIN THE AREA.

WARHEAD AREAS -- 3 LONG AND 7 SMALLER RAILCARS ARE WITHIN THE WESTERN AREA. TWENTY VEHICLES ARE PARKED IN THE INNER SECURED AREA. FOUR SMALL VEHICLES ARE IN THE EASTERN AREA.

ADMINISTRATION, HOUSING AND SERVICES AREA -- APPROXIMATELY 45 VEHICLES OF VARYING SIZES ARE LOCATED THROUGHOUT THE SOUTHERN AREA.

SSM BIVOUAC AREA -- AT LEAST 80 VEHICLES/PIECES OF EQUIPMENT ARE IN THE PARKING AREA.

NO OTHER CHANGES IN PERMANENT FACILITIES OBSERVED.

PHOTO REFERENCES FOR SIGNIFICANT ITEMS OBSERVED ON PASS

LAUNCH AREA 1C --
LAUNCH AREA 2C --
LAUNCH AREA 3C --
LAUNCH AREA 4C --
LAUNCH AREA 5C --
SSM BIVOUAC AREA --

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KAPUSTIN YAR LAUNCH COMPLEX D (SITE 1) UR 4828N 04618E

NO CHANGE IN FACILITIES AT THE COMPLEX.

A LARGE UNIDENTIFIED VEHICLE IS ON LAUNCH PAD AT 1D-3, APPROXIMATELY 15 UNIDENTIFIED VEHICLES/PIECES OF EQUIPMENT ARE ON PARKING APRON AT 2D, AND A LARGE UNIDENTIFIED OBJECT IS ON HARDSTAND.

NO APPARENT CHANGE OR EQUIPMENT OBSERVED AT COMPLEX D FINAL ASSEMBLY AND CHECKOUT AREA.

PHOTO REFERENCES FOR SIGNIFICANT ITEMS OBSERVED ON PASS

LAUNCH AREA D1
LAUNCH AREA D2
LAUNCH AREA D3
LAUNCH AREA D4

KAPUSTIN YAR LAUNCH COMPLEX G

UR 4822N 04617E

NO APPARENT CHANGE IN LAUNCH AREA, SUPPORT AND HOUSING AREA, AND 2 TRACKING SITES WEST OF COMPLEX G. THE SA-2 SITE SSW OF THE SUPPORT AND HOUSING AREA IS OCCUPIED. RADAR MOUNDS AT 2 TRACKING SITES ARE UNOCCUPIED. TEN UNIDENTIFIED VEHICLES ARE OBSERVED WITHIN HOUSING AND SUPPORT AREA.

KAPUSTIN YAR MISSILE STOR & HANDLING AREA UR 4822N 04612E

NO NEW CONSTRUCTION, CHANGES IN FACILITIES OR FEATURES NOT PREVIOUSLY REPORTED. MORE THAN 20 UNIDENTIFIED VEHICLES OBSERVED WITHIN THE SECURED AREA.

SARY-SHAGAN ANTIMISSILE TEST CENTER

UR 4602N 07334E

NO NEW MISSILE FACILITIES OBSERVED NEAR LAUNCH COMPLEX B, INSTRUMENTATION SITES 4 AND 14, THE ONLY PORTIONS OF THE CENTER COVERED BY PHOTOGRAPHY.

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SARY-SHAGAN LNCH COMPLEX B (SITE 1B14) UR 4559N 07231E

25X1

LAUNCH COMPLEX B IS COVERED IN ITS ENTIRETY BY GOOD STEREO PHOTOGRAPHY, THE BEST RECEIVED TO-DATE. MISSILES (OTHER THAN THOSE AT SAM SITE B27-2) ARE OBSERVED FOR THE FIRST TIME AT THE COMPLEX. FOUR PROBABLE LAUNCH POSITIONS CAN BE IDENTIFIED WITHIN THE TRIAD AREA. LINEAR MEASUREMENTS INCLUDED IN THIS REPORT ARE CONSIDERED ACCURATE TO PLUS OR MINUS 5 FT, HEIGHT MEASUREMENTS TO PLUS OR MINUS 10 FT.

NO SIGNIFICANT CHANGE IS OBSERVED AT LAUNCH FACILITY A SINCE [REDACTED] EXCEPT FOR THE APPEARANCE OF 2 ERECTORS ALONG THE ROAD JUST EAST OF THE LAUNCH PAD. ONE OF THESE ERECTORS APPEARED ON [REDACTED]

25X1

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25X1

ONE ERECTOR IS APPROXIMATELY 45 FT HIGH AND THE OTHER 60 FT HIGH. THE LAUNCHER ON THE PAD APPEARS UNCHANGED AND UNOCCUPIED.

AT LAUNCH FACILITY B, AN UNIDENTIFIED MISSILE IS OBSERVED ON EACH OF THE 2 RAIL-TYPE LAUNCHERS AT THE SEMICIRCULAR PADS B1 AND B2 (THE FIRST IDENTIFICATION OF MISSILES AT THESE SITES). THE LAUNCHER ON B1 IS ORIENTED ON AN AZIMUTH OF APPROXIMATELY [REDACTED] THE ONE ON B2 ON AN AZIMUTH OF APPROXIMATELY [REDACTED]. THE TWO MISSILES APPEAR SIMILAR AND HAVE AN OVERALL LENGTH OF APPROXIMATELY [REDACTED] BOOSTER LENGTH APPROXIMATELY [REDACTED] CONFIGURATION DETAILS ARE NOT SUFFICIENTLY CLEAR TO PERMIT IDENTIFICATION OF THE MISSILE. THE 2 PIECES OF SERVICING EQUIPMENT IDENTIFIED ADJACENT TO B2 ON [REDACTED] ARE NO LONGER PRESENT. ONE PIECE HAD LEFT THE AREA BY [REDACTED] AND THE SECOND PIECE [REDACTED] THEY WERE PROBABLY BOTH MOVED TO LAUNCH FACILITY A AND ARE NOW IDENTIFIED AS ERECTORS SINCE THE TIME PERIOD COINCIDES AND THE CONFIGURATION IS GENERALLY SIMILAR. SEPARATION DISTANCE BETWEEN LAUNCHERS ON PADS B1 AND 2 IS 650 FT. APPROXIMATELY 440 FT NORTH OF B2 AND B4 ARE 2 PROBABLE ANTENNAS. PADS B3 AND B4 ARE EACH CONSTRUCTED ALONG A SLIGHTLY WIDENED PORTION OF THE LOOP ROAD AND ARE EACH SURROUNDED BY 3 TOWERS. TWO OF THE TOWERS NEAR B3 ARE 55 FT HIGH, ONE IS 65 FT HIGH. THE 3 TOWERS NEAR B4 ARE APPROXIMATELY 100 FT HIGH. A 100-FOOT TOWER IS POSITIONED MIDWAY BETWEEN PADS B3 AND B4. B3 IS SERVED

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25X1
25X1

BY PROBABLE RAILS AND HAS AN APPROXIMATELY 25-FT-HIGH PASS-THROUGH ERECTOR AT THE SITE. RAILS ARE NOT DISCERNIBLE AT B4. THE PASS-THROUGH ERECTOR HERE APPEARS TO BE LARGER AND TALLER (30 FT) THAN THE ONE AT B3 AND HAS AN ADDITIONAL PIECE OF EQUIPMENT/STRUCTURE DEPLOYED ALONGSIDE. SEPARATION DISTANCE BETWEEN ERECTORS AT B3 AND B4 IS 580 FT. THREE POSSIBLE INSTRUMENTATION POSITIONS CAN BE IDENTIFIED ON THE CROSSBAR OF A T-SHAPED PATTERN ADJACENT TO THE NORTH SIDE OF B4.

THE ENVIRONMENTAL DOMES ON THE 3 TRIAD BUILDINGS APPEAR EXTERNALLY COMPLETE. THE SCAFFOLDING HAS BEEN REMOVED FROM THE 3 DOMES AND A SURFACING MATERIAL APPEARS TO HAVE BEEN ADDED SINCE [REDACTED] RESULTING IN A SMOOTH DARK FINISH. CRANES REMAIN AT THE 3 BUILDINGS, THE ONE ADJACENT TO BUILDING A IS A RAIL-SERVED GANTRY TYPE. BUILDING A HAS AN APPROXIMATE HEIGHT OF 40 FT, THE DOME ON ITS ROOF HAS AN ADDITIONAL HEIGHT OF 120 FT. THE MAXIMUM DIAMETER OF THE DOME IS 115 FT. THE DOMES ON BUILDINGS B AND C ARE IDENTICAL IN SIZE. BUILDING D [REDACTED] JUST WEST OF BUILDINGS B AND C ARE 2 TOWERS WITH A POSSIBLE ANTENNA MOUNTED ON EACH. CRATES HAVE APPEARED ALONG THE WEST CENTRAL TRIAD BOUNDARY SINCE [REDACTED] JUST OUTSIDE THE SECURED TRIAD AREA AND CLOSE TO THE NW CORNER ARE 4 CIRCULAR EXCAVATIONS, EACH 20 FT IN DIAMETER, POSSIBLY FOUNDATIONS FOR A TOWER BASE. JUST EAST OF THIS FACILITY AND INSIDE THE SECURED AREA A TRENCH HAS BEEN DUG A DISTANCE OF APPROXIMATELY 1,000 FT TO A POINT JUST NORTH OF TRIAD BUILDING B. A POSSIBLE COOLING UNIT IS LOCATED JUST SOUTH OF BUILDING A. THE 110-KV POWERLINE WHICH HAS BEEN UNDER CONSTRUCTION TO THE TRIAD AREA HAS NOW REACHED THE SUBSTATION NEAR THE SW CORNER AND BURIED POWERLINES HAVE BEEN EXTENDED NORTH TO BUILDING A AND EAST TO AN UNIDENTIFIED 150-FT TOWER. THIS COVERAGE HAS PERMITTED IDENTIFICATION OF 4 PROBABLE LAUNCH POSITIONS NEAR TRIAD BUILDINGS B AND C, WHICH ARE SIMILAR TO PADS B3 AND B4 IN LAUNCH FACILITY B. ONE PROBABLE LAUNCH POSITION HAS BEEN DEVELOPED 215 FT NORTH OF TRIAD BUILDING B. PROBABLE RAILS HAVE BEEN ADDED, AND CABLES TO THE POSITION HAVE BEEN BURIED SINCE [REDACTED] TWO PREVIOUSLY OBSERVED PIECES OF EQUIPMENT CAN NOW BE IDENTIFIED AS A PROBABLE PASS-THROUGH ERECTOR 30 FT HIGH WHICH IS SIMILAR TO THOSE OBSERVED AT LAUNCH PADS B3 AND B4. TWO 50-FT HIGH TOWERS ARE DEPLOYED JUST NORTH AND SOUTH OF THE POSITION. THE OTHER 3 PROBABLE LAUNCH POSITIONS ARE SITUATED 320 AND 250 FT ESE AND ENE OF TRIAD BUILDING C

25X1

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AND 1 IS 220 FT EAST OF TRIAD BUILDING B. CIRCULAR EXCAVATIONS (25 FT [REDACTED] IN DIAMETER) OBSERVED AT THE 2 SOUTHERN PROBABLE LAUNCH POSITIONS DO NOT APPEAR TO HAVE CHANGED IN APPEARANCE SINCE [REDACTED] ALL PROBABLE LAUNCH POSITIONS ARE CABLE-CONNECTED. SPACING DISTANCES BETWEEN THE 4 PROBABLE LAUNCH POSITIONS FROM SOUTH TO NORTH ARE 330 FT, 490 FT, AND 470 FT.

NO CHANGE IS APPARENT SINCE [REDACTED] IN FACILITIES AT THE MISSILE STORAGE AND CHECKOUT AREA. THREE PROBABLE CANVAS-COVERED VEHICLES/PIECES OF EQUIPMENT (EACH APPROXIMATELY 50 BY 10 FT) ARE PARKED IN THE AREA. NO SIGNIFICANT CHANGE IS OBSERVED IN THE MAIN SUPPORT AREA OR THE AIRSTRIP SINCE [REDACTED] APPROXIMATELY 30 VEHICLES/PIECES OF EQUIPMENT ARE PARKED IN THE SUPPORT AREA.

INSTRUMENTATION SITE B1 HAS 7 BUILDINGS (2 OF WHICH SUPPORT POSSIBLE VHF ANTENNAS), 4 SMALL BUILDINGS OR STRUCTURES, 1 BURIED TANK, 2 POSSIBLE ELECTRONIC VANS, AND 3 VEHICLES.

INSTRUMENTATION SITE B2 CONSISTS OF 4 SMALL TOWERS, 1 LARGE TOWER, AND 3 SMALL BUILDINGS/STRUCTURES.

SITE B3 HAS 3 BUILDINGS. NO ANTENNAS COULD BE IDENTIFIED AT SITES B2 AND 3. ONE POSSIBLE ANTENNA IS OBSERVED AT SITE B4.

AT SAM SITE B27-2, TWO LAUNCH POSITIONS ARE OCCUPIED WITH LAUNCHERS AND MISSILES, 4 ARE OCCUPIED WITH LAUNCHERS WITHOUT MISSILES. TWO CANVAS-COVERED TRANSPORTERS OCCUPY ONE HOLD POSITION, 1 CANVAS-COVERED TRANSPORTER OCCUPIES THE SECOND HOLD POSITION, AND THE THIRD IS OCCUPIED BY A MISSILE. THE ACQUISITION RADAR IS PRESENT AND THE CENTRAL GUIDANCE AREA IS OCCUPIED BY A FAN SONG RADAR.

PHOTO REFERENCES FOR SIGNIFICANT ITEMS ON [REDACTED]

LAUNCH FACILITY A -- [REDACTED]

LAUNCH FACILITY B -- [REDACTED]

TRIAD -- [REDACTED]

SUPPORT AREA -- [REDACTED]

(SEE ATTACHMENT)

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25X1

SARY-SHAGAN INSTRUMENTATION SITE 4

UR 4557N 07213E

25X1

ONLY THE HOUSING/SUPPORT AREA, APPROXIMATELY 25 PERCENT OF THE INTERFEROMETER, AND THE AIRSTRIP ARE COVERED BY NON-STEREO PHOTOGRAPHY ON THE EDGE OF THE FRAME.

NO APPARENT CHANGE IN FACILITIES SINCE
NO ACTIVITY AT THE AIRSTRIP.

25X1

25X1

25X1

SARY-SHAGAN INSTRUMENTATION SITE 14

UR 4707N 06910E

25X1

THIS SITE IS FULLY COVERED BY GOOD, STEREO PHOTOGRAPHY. THE LARGE E-SHAPED BUILDING APPEARS EXTERNALLY COMPLETE, BUT NO ELECTRONIC EQUIPMENT CAN BE IDENTIFIED ON THE WINGS. THE WING STRUCTURES CONSIST OF A RAISED PORTION ON THE MAIN BUILDING, A LOWER MIDDLE SECTION, AND A RAISED PORTION AT THE END. TWO SMALL T-SHAPED BUILDINGS, LOCATED EAST AND WEST OF THE E-SHAPED BUILDING, APPEAR TO HAVE PROBABLE ANTENNA/ELECTRONIC MOUNTS ON THE ROOF. TWO SMALL PROBABLE SPHERICAL STRUCTURES ARE LOCATED JUST SOUTH OF THE WING OF THE E-SHAPED BUILDING. A PROBABLE MICROWAVE TOWER IS OBSERVED JUST NORTH OF THIS BUILDING. THREE PROBABLE RADAR/ELECTRONIC MOUNDS WITH ASSOCIATED VEHICLE TRENCHES ARE LOCATED WEST OF THE SITE OUTSIDE THE SECURED AREA. ONE MOUND, NEAR THE SW CORNER OF THE SECURED AREA, IS OCCUPIED BY A TALL TOWER-LIKE STRUCTURE. WORK CONTINUES ON THE INTERFEROMETER WITH 3 ELEMENTS, POSSIBLY DOME-COVERED, LOCATED ON EACH OF THE ARMS. NO AIRCRAFT OBSERVED AT THE AIRSTRIP. APPROXIMATELY 20 VEHICLES/PIECES OF EQUIPMENT AND 1 PROBABLE CRANE ARE LOCATED AT THE SITE.

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MAGADAN SUSPECT MISSILE TEST FACILITY

UR 6027N 15127E

SECURED FACILITY IS A PROBABLE EXPLOSIVE STORAGE AREA AND CONTAINS SEVERAL REVETTED BUILDINGS. HEAVY CLOUDS PRECLUDES FURTHER INTERPRETATION.

MAGADAN SUSPECT MISSILE TEST FACILITY

UR 5942N 15104E

THIS IS A PROBABLE AGRICULTURAL CENTER CONSISTING OF APPROXIMATELY 20 BUILDINGS INCLUDING A U-SHAPED PROBABLE ADMINISTRATION BUILDING, BARRACKS, AND AN E-SHAPED PROBABLE LIVESTOCK BARN. CLOUDS PRECLUDE FURTHER INTERPRETATION.

DNEPROPETROVSK MISSILE DEVELOP PROD CTR

UR 4826N 03459E

NO NEW CONSTRUCTION NOTED IN THE 2 PRODUCTION PLANTS. CONSTRUCTION ACTIVITY IS OBSERVED OUTSIDE THE EASTERN END OF THE SOUTH PRODUCTION PLANT. AN UNDERGROUND STEAM LINE CONNECTING THIS AREA AND THE TEST FACILITY IS UNDER CONSTRUCTION. IN THE TEST FACILITY, CONSTRUCTION CONTINUES ON AN UNDERGROUND TANK AND AN ADJACENT STRUCTURE NEAR THE SE CORNER.

MANY FEATURES NOT PREVIOUSLY REPORTED ARE EVIDENT. THE MOST SIGNIFICANT ARE A 4TH VERTICAL TEST STAND (SOMEWHAT SMALLER THAN THE OTHERS) AND A PROBABLE HYDROSTATIC TEST BUILDING (BOTH EAST OF BUILDING 20), A PROBABLE PROPELLANT PREPARATION FACILITY (FORMERLY LABELED BUILDING 12), AND A HORIZONTAL TEST STAND (FORMERLY LABELED BUILDING 8).

NO MISSILES OR MISSILE COMPONENTS ARE OBSERVED. HOWEVER, LARGE AMOUNTS OF EQUIPMENT AND MATERIEL ARE OBSERVED IN OPEN STORAGE THROUGHOUT THE PLANT AREA. APPROXIMATELY 30 RAIL CARS (APPROXIMATELY 75 FT LONG) ARE LOCATED IN THE NORTH PRODUCTION PLANT.

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(SEE ATTACHMENT)

KURUMOCH ROCKET ENGINE TEST FACILITY

UR 5331N 04949E

FACILITY IS CLOUD COVERED EXCEPT FOR THE WESTERN AND
NORTHERN EDGES. LARGE TEST STAND NO 2 SHOWS NO
SIGNIFICANT CHANGE SINCE NO
OTHER MISSILE-RELATED ACTIVITY OR CHANGES OBSERVED.

NOVOSIBIRSK AIRFRAME PLANT CHKALOV 153

UR 5504N 08259E

NO APPARENT CHANGE IN FACILITIES SINCE
NO MISSILES, MISSILE COMPONENTS OR LONG
RAIL CARS VISIBLE.

NO AIRCRAFT ON FLYAWAY FIELD.

AIRCRAFT AT PLANT -- 1 BEAGLE, 26 FIREBAR, 1 PROBABLE
FIREBAR, 1 FAGOT/FRESCO, 2 CAB, 1 CAMP, 1 COLT, 1 HOUND
AND 2 LIAISON.

FERGANA ROCKET ENGINE TEST FACILITY

UR 4027N 07147E

NO ROCKET ENGINE TEST FACILITY OBSERVED AT GIVEN
COORDINATES (WHICH IS THE LOCATION FOR THE FERGANA
PETROLEUM REFINERY) OR IN THE 15 BY 10 NM AREA OF
TERRAIN AROUND THE TARGET AREA WHICH WAS COVERED BY
PHOTOGRAPHY.

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25X1

25X1

VLADIMIR SUBMARINE BASE

UR 4355N 13528E

25X1

7 NM NORTH OF VLADIMIR.

FACILITIES INCLUDE 3 PIERS (2 ARE USED TO ACCOMMODATE SUBMARINES), AN OPERATIONS/SUPPORT AREA WITH 15 BUILDINGS, AN ADMINISTRATION AREA WITH 8 BUILDINGS, A BARRACKS AREA WITH 11 BUILDINGS, A STORAGE AREA WITH 3 BUNKERS, 7 BUILDINGS AND AT LEAST 2 ENTRANCES INTO A HILL. A SECOND DOUBLE-SECURED AREA HAS A WIRE FENCE FOR EXTERNAL SECURITY AND HAS A BOARD FENCE PROVIDING PERIMETER SECURITY ALONG THAT PORTION OF THE BOUNDARY OF THE INSTALLATION NOT ADJOINING HILLSIDE. THIS AREA CONTAINS A LARGE BUNKER, 2 BUILDINGS AND 2 ENTRANCES INTO THE SIDE OF THE HILL.

VESSELS -- 2 W/R-CLASS SS, 1 PROBABLE L-II CLASS OSS, AND 1 PROBABLE SHCH-IV-CLASS OSS WHICH IS AGROUND BETWEEN THE 2 SUBMARINE PIERS. A DAM HAS BEEN BUILT PERPENDICULAR TO EACH OF THE PIER APPROACHES AND LEADING TO EACH SIDE OF THE GROUNDED SUBMARINE.

NO MISSILE OR NUCLEAR STORAGE AREAS OBSERVED.

25X1

VLADIVOSTOK NAVAL BASE AND SHIPYARD 202

UR 4306N 13156E

25X1

VESSELS -- 2 G-CLASS SSB, 1 PROBABLE G-CLASS SSB WITH SAIL REMOVED, 1 POSSIBLE W-LONGBIN-CLASS SSG IN TRANSPORTER DOCK, 1 POSSIBLE Z-CLASS SS, 1 PROBABLE W-CLASS SS, 1 UNIDENTIFIED SS IN FLOATING DOCK, 3 UNIDENTIFIED SS, AND 1 POSSIBLE SS, 1 POSSIBLE CL IN GRAVING DOCK, 2 POSSIBLE SKORYY-CLASS DD, 1 PROBABLE KOTLIN-CLASS DD, 1 POSSIBLE GORDYY-CLASS AGT, 1 UNIDENTIFIED DD, 2 PROBABLE RIGA-CLASS DE, 3 PETYA-CLASS PCE, 1 PROBABLE POTI-CLASS PC, 1 PROBABLE MISSILE TARGET BARGE AND NUMEROUS MERCHANT SHIPS IN GOLDEN HORN BAY.

25X1

25X1

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NO APPARENT CHANGE IN FACILITIES SINCE

NO NUCLEAR OR MISSILE STORAGE AREAS OBSERVED.

HAZE AND SCATTERED CLOUDS OVER SEVERAL AREAS OF SHIPYARD AND NAVAL BASE.

SOVETSKAYA GAVAN SUBMARINE BASE

UR 4902N 14016E

NO APPARENT CHANGE IN FACILITIES SINCE

NO NUCLEAR OR MISSILE STORAGE AREAS OBSERVED.

VESSELS -- 6 W/R-CLASS SS AND 1 PROBABLE SHCH-IV-CLASS SS AT SUBMARINE BASE, 1 W/R-CLASS SS, 2 SKORYY-CLASS DD AND 1 REARMED RIGA-CLASS DE AT SHIPYARD NO 263, 1 PROBABLE T-43-CLASS MSF AT SHIPYARD NO 1, 1 PROBABLE MISSILE TARGET BARGE NEAR THE RAIL BRIDGE WEST OF THE TORPEDO DEPOT, 1 SVERDLOV-CLASS CL, 3 SKORYY-CLASS DD, 4 REARMED RIGA-CLASS DE, 2 T-43-CLASS MSF AND 1 LIBAU-CLASS AGCL AT THE TORPEDO DEPOT, 1 T-58-CLASS MSF AND 1 UNARMED SKORYY-CLASS DD BERTHED NEAR THE POL STORAGE AREA NORTH OF THE PT BOAT BASE. ONE KOMAR-CLASS PTG, 1 P-6 (T)-CLASS PT, AND 2 P-6 (T)-CLASS PT LESS REFLECTORS ARE ON THE QUAY AT THE PT BOAT BASE. TWO P-6 (T) REFLECTOR ARRAYS CAN BE SEEN ON A PIER AT THE BASE. ONE REARMED RIGA-CLASS DE IS AT ANCHOR IN THE BAY SOUTH OF MYS ALEKSANDRA AND 3 KOMAR-CLASS PTG ARE BERTHED AT THE NORTHERN PIER. THIRTY-FIVE LARGE AND MEDIUM MERCHANT VESSELS OBSERVED THROUGHOUT THE HARBOR AREA.

LENINGRAD AMM/SAM LAUNCH COMPLEXES

UR 5955N 03020E

NO NEW OR PREVIOUSLY UNREPORTED AMM/SAM LAUNCH OR ELECTRONIC FACILITIES OBSERVED WITHIN THE AREA COVERED BY PHOTOGRAPHY. THIS AREA EXTENDS APPROXIMATELY 14 NM NE TO SW AND 6 NM EAST TO WEST OF THE LENINGRAD NW AMM/SAM LAUNCH COMPLEX.

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LENINGRAD NORTHWEST AMM/SAM LAUNCH COMPLEX UR 6027N 02944E

THE COMPLEX IS OBSERVED ON CLEAR, GOOD STEREO PHOTOGRAPHY.

CAMOUFLAGE, APPLIED SINCE [REDACTED] COVERS A PORTION OF THE REVETTED CENTER POSITION OF THE ELECTRONIC SITE AND THE AREAS WHERE VANS WERE PREVIOUSLY OBSERVED ADJACENT TO RADAR POSITIONS 1, 3 AND 4. A MOTTLED PATTERN HAS BEEN APPLIED TO SEGMENTS OF THE ELECTRONIC SITE SERVICE ROADS.

POSITIONS 1, 3 AND 4 REMAIN OCCUPIED BY RADARS, PRESUMABLY GUIDANCE. THEY ARE THE SAME AS THE GUIDANCE RADARS AT SARY-SHAGAN, LAUNCH AREA A, ELECTRONIC SITE B. THE RADAR SET IS COMPOSED OF SEVERAL CUT PARABOLIC SECTIONS BUT THE EXACT NUMBER AND ARRANGEMENT IS UNDETERMINED. THE ANTENNAS ARE ARRANGED IN A TIGHT GROUP, MUCH IN THE SAME MANNER AS THE PEEL GROUP. IT IS NOT POSSIBLE TO ISOLATE THE INDIVIDUAL ANTENNAS.

A LAUNCHER IS EMPLACED AT EACH LAUNCH POSITION OF SITES C, D AND E. THERE ARE NONE AT SITES A AND B. THE LAUNCHERS APPEAR TO HAVE A RAIL APPROXIMATELY [REDACTED] LENGTH MOUNTED ON A SOLID BASE. SHADOWS OF SOME OF THEM INDICATE THE POSSIBLE PRESENCE OF A BLAST DEFLECTOR. SEVERAL OF THE LAUNCHERS ARE ORIENTED WITH THEIR LONG AXIS ALIGNED TOWARD THE ACTIVE END OF THE MISSILE READY BUILDING, OTHERS ARE ORIENTED IN VARYING DIRECTIONS.

A PIECE OF EQUIPMENT RESEMBLING THE LAUNCHER IS SITUATED ON THE PERIMETER ROAD ADJACENT TO ONE END OF EACH MISSILE READY BUILDING AT LAUNCH SITES D AND E. A VAN/VEHICLE IS POSITIONED ON THE PERIMETER ROAD PERPENDICULAR TO THE CENTER OF THE MISSILE READY BUILDINGS AT LAUNCH POSITIONS D-6, E-3, TWO AT E-4, AND ONE EACH AT E-5 AND E-6. AN UNIDENTIFIED OBJECT MEASURING APPROXIMATELY [REDACTED] IS IN FRONT OF AND PARALLEL TO THE MISSILE READY BUILDING AT LAUNCH POSITION D-1, AND ANOTHER MEASURING APPROXIMATELY 50 BY 10 FT IS ADJACENT TO THE SOUTHERN END OF THE BUILDING AT LAUNCH POSITION E-1.

LAUNCH SITES A AND B ARE APPARENTLY BEING MODIFIED TO CONFORM TO CHANGES AT SITES C, D AND E. FIVE

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STRIATIONS EXTENDED ACROSS THE PERIMETER ROAD FROM THE MISSILE READY BUILDINGS OF SITES A AND B IN [] AND NOW 2 REMAIN AT SEVERAL OF THE POSITIONS. THE ROAD NOW APPEARS SMOOTH WHERE THE PROBABLE RAILS WERE REMOVED.

MODIFICATION OF THE REVETTED AREAS BETWEEN THE BUILDINGS AND THE LAUNCH POINTS IS APPARENTLY UNDERWAY AT EACH LAUNCH POSITION OF SITE B.

TWENTY-THREE OF THE VEHICLES/PIECES OF EQUIPMENT REMAIN IN THE VEHICLE PARK LOCATED NORTHWEST OF LAUNCH SITE A. FORTY-EIGHT WERE THERE IN [] AND 60 WERE OBSERVED IN []

THE CONDUIT EXTENDING FROM THE COMPLEX CONTROL CENTER TO THE NE OUTRIGGER POSITION HAS BEEN REMOVED SINCE [] [] AND A MAJOR PORTION OF THAT EXTENDING TO THE SW OUTRIGGER POSITION APPEARS TO HAVE BEEN REMOVED. THERE IS NO APPARENT CHANGE IN THE STRUCTURES AT THE OUTRIGGER POSITIONS.

A SQUARE BUILDING IS UNDER CONSTRUCTION NEAR THE SE CORNER OF THE LARGEST BUILDING IN THE SUPPORT AREA AND A NEW BUILDING OR SHED IS LOCATED JUST NE OF THE SUPPORT AREA. THESE BUILDINGS WERE NOT PRESENT IN [] []

UNIDENTIFIED VEHICLES ARE OBSERVED IN MOTION IN THE VICINITY OF THE CONTROL CENTER AND OTHERS ARE PARKED IN THE SUPPORT AREA.

NO MISSILES ASSOCIATED WITH THE COMPLEX WERE IDENTIFIED.

THE SA-3 SAM SITE WITHIN THE COMPLEX IS OCCUPIED AND CAMOUFLAGED.

(SEE ATTACHMENT)

TALLINN AMM/SAM LAUNCH COMPLEX

UR 5924N 02419E

COMPLEX IS OBSERVED ON CLEAR, GOOD, STEREO PHOTOGRAPHY.

LAUNCH SITES A AND B ARE IN A LATE CONSTRUCTION STAGE, SITE C IN A MID-STAGE, SITE D IN AN EARLY TO MID-STAGE,

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AND SITE E IN AN EARLY STAGE.

AT SITE A, THE RAIL-LIKE VEE PATTERN IS APPARENT IN LAUNCH POSITIONS 2 AND 3. DARK MATERIAL IS BEING APPLIED TO THE SURFACE OF OTHER POSITIONS OF SITE A, AND TO EACH POSITION OF SITE B AND C.

SURFACING OF THE SPECIALLY PREPARED 90-FT APPROACH TO EACH POSITION OF SITE A, TO 4 OF THE POSITIONS OF SITE C, AND TO 2 OF THOSE AT SITE D HAS BEEN ACCOMPLISHED SINCE

REVETMENT WALLS ENCLOSING THE CENTER PROBABLE CONTROL POSITIONS OF SITES A, B, AND C HAVE BEEN COMPLETED AND SURFACED. THE PREVIOUSLY OBSERVED STRUCTURE WITHIN THESE WALLS NOW APPEARS TO HAVE BEEN COVERED. A RECTANGULAR BUILDING HAS BEEN NEWLY CONSTRUCTED LEFT OF THE ENTRANCE TO THE CENTER POSITIONS OF THESE 3 SITES, AND A STRUCTURE, POSSIBLY AN ELEVATED POSITION, IS SITUATED TO THE RIGHT OF THESE ENTRANCES. UNIDENTIFIED PROBABLE CONSTRUCTION EQUIPMENT IS SITUATED ON THE CENTRAL REVETTED HARDSTAND AT SITE C. PROBABLE CABLE SCARRING EXTENDS FROM THE CENTER POSITIONS ACROSS THE ROADS TOWARD EACH LAUNCH POINT OF SITES A AND B.

A SMALL STRUCTURE IS LOCATED JUST SE OF THE CENTER REVETMENT OF SITES A, B AND C, AND A SCAR LEADS FROM THE CENTER POSITION TO THE STRUCTURE AT SITE A. PILES OF DARK MATERIAL ARE ALONG THE SERVICE ROADS OF SITE C.

THE EXCAVATION WITHIN EACH LAUNCH POSITION OF SITE D HAS BEEN SURROUNDED BY A WHITE MATERIAL, AND A TROUGH-LIKE APPROACH TO EACH EXCAVATION EXTENDS ALONG THE CENTER OF THE RECTANGULAR PAD AREA. PILES OF LIGHT-TONED MATERIAL ARE ON THE SURFACE OF EACH LAUNCH POSITION AT SITE C.

A WHITE RECTANGULAR OBJECT NEWLY OBSERVED NEAR THE EXCAVATION OF EACH LAUNCH POSITION AT SITE E MAY BE A LINING FOR THE EXCAVATION.

NO CHANGE HAS OCCURRED SINCE IN THE CONSTRUCTION STATUS OF THE CENTER POSITIONS AT SITES D AND E. A STRUCTURE COMPARABLE TO THE STRUCTURE PREVIOUSLY OBSERVED AT SITES A, B AND C IS NEWLY OBSERVED AT SITE E.

VEHICLES ARE OBSERVED ON THE SERVICE ROADS OF SITES C AND D. CONSTRUCTION OF TWO LARGE BUILDINGS WEST OF THE

TOP SECRET

[REDACTED] TOP SECRET [REDACTED]

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LAUNCH AREA MAIN ROAD HAS PROGRESSED SINCE MISSION [REDACTED] REVETMENT WALLS IN THIS AREA HAVE BEEN REARRANGED SINCE [REDACTED] APPARENTLY INDICATING A CHANGE OF PLANS FOR LOCATION OF THE NEW BUILDINGS. CONSTRUCTION CONTINUES ON A PROBABLE APRON TO SERVE THESE BUILDINGS ON THE WESTERN SIDE.

CONSTRUCTION ACTIVITY REPORTED AT THE EASTERN END OF THE SUPPORT AREA IN [REDACTED] IS NOW CONFIRMED AS A NEW RECTANGULAR BUILDING APPARENTLY IN A LATE CONSTRUCTION STAGE.

CONSTRUCTION AND SURFACING OF THE REVETMENT WALLS OF THE ELECTRONIC SITE IS NOW COMPLETED. SERVICE ROADS WITHIN THIS SITE HAVE BEEN IMPROVED SINCE [REDACTED] A NEW SMALL UNIDENTIFIED STRUCTURE IS LOCATED JUST WEST OF THE CENTER POSITION.

NO MISSILES, MISSILE-RELATED EQUIPMENT OR RADAR OBSERVED WITHIN THE COMPLEX.

(SEE ATTACHMENT)

[REDACTED] NOVAYA MEZINOVKA REGIONAL MIL STOR INSTLN UR 5331N 02655E [REDACTED]

NO APPARENT CHANGE IN PERMANENT FACILITIES IN CLOUD-FREE PORTIONS.

EQUIPMENT OBSERVED WITHIN STORAGE AREA INCLUDES --3 POSSIBLE CANVAS-COVERED SS-5 TRANSPORTERS WITH PRIME MOVERS, 5 POSSIBLE SS-5 MISSILE TRANSPORTERS (UNCOVERED), APPROXIMATELY 90 SS-4-TYPE MISSILE TRANSPORTERS, 1 UNIDENTIFIED-TYPE PROBABLE MISSILE TRANSPORTER (UNCOVERED), APPROXIMATELY 20 POSSIBLE SS-4 ERECTORS, 3 PROBABLE SS-1 SCUD TEL VEHICLES, AT LEAST 20 PROBABLE SS-1 SCUD TRANSPORTERS, 7 PROBABLE SS-5 FUEL TRAILERS, 167 PROBABLE SS-4 FUEL TRAILERS, 325 PROBABLE SS-4 OXIDIZER TRAILERS, 2 PROBABLE SS-5 MOBILE SERVICE PLATFORMS, 50 PROBABLE SS-4-TYPE MOBILE SERVICE PLATFORMS, 41 STACKS OF PROBABLE LAUNCH STANDS, 15 TRUCK-MOUNTED CRANES, AT LEAST 7 POSSIBLE TRUCK-MOUNTED DECONTAMINATION SHOWER UNITS, APPROXIMATELY 350 PROBABLE VAN TRUCKS, 36 SMALL TRAILERS, 27 PROBABLE MISSILE CHECKOUT TENTS, AND NUMEROUS ITEMS OF UNIDENTIFIED EQUIPMENT/MATERIAL SCATTERED THROUGHOUT THE INSTALLATIONS.

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TOP SECRET [REDACTED] [REDACTED]

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**Air
Facilities**

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AIR FACILITIES

KOMSOMOLSK AIRFRAME PLT ORDZHONIKIDZE 126 UR 5036N 13705E

CONSTRUCTION CONTINUES ON THE LARGE SUB-ASSEMBLY BUILDING REPORTED ON [REDACTED] THE BUILDING IS NOW 50 PERCENT COMPLETE. IN THE NORTHWEST SECTION OF AIRFRAME PLANT 126 (THE SECTION FORMERLY KNOWN AS AIRFRAME PLANT 130), ALONG THE NORTHERN SECURITY FENCE ARE 16 PROBABLE MISSILE AIRFRAMES LOCATED ADJACENT TO A SMALL SECURED AREA, WHICH CONTAINS 11 LARGE CRATES AND 3 SMALL CRATES. THE AIRFRAMES MEASURE [REDACTED] THE LARGE CRATES ARE [REDACTED] AND THE SMALL CRATES ARE [REDACTED] THE SECURED AREA IS SERVED BY A LOOP ROAD AND CONTAINS 2 SMALL BUILDINGS SERVED BY A CONCRETE APRON. IN THE SOUTHEAST AREA OF AIRFRAME PLANT 126 NEAR THE FUEL STORAGE FACILITY ARE 12 OTHER CRATES MEASURING [REDACTED] FT.

AIRCRAFT -- 19 FITTER, 1 PARTIALLY ASSEMBLED FITTER, 1 FLASHLIGHT/FIREBAR, 39 FAGOT/FRESCO, 6 CAB, 2 COLT, 2 LIAISON AND 2 HOUND.

(SEE ATTACHMENT)

IRKUTSK AIRFRAME PLANT 39

UR 5221N 10412E

THE SUB-ASSEMBLY BUILDING UNDER CONSTRUCTION SINCE [REDACTED] IS NOW NEARING COMPLETION. NO SIGNIFICANT CHANGE IN OTHER FACILITIES.

AIRCRAFT -- 39 BREWER/MAESTRO AND 3 CAB.

AKHTUBINSK/VLADIMIROVKA AIRFIELD

UR 4818N 04611E

AIRCRAFT AT AIRBORNE WEAPONS COMPLEX --1 BADGER, 6 FITTER, 5 FISHPOT, 21 FISHBED, 5 FLASHLIGHT/FIREBAR, 2 FAGOT/FRESCO, 4 MANDRAKE, 1 UNIDENTIFIED SMALL SWEPT-WING AND 1 SMALL STRAIGHT-WING.

AIRCRAFT AT MAIN TAXIWAY AND PARKING APRONS --2 BEAR, 6 BLINDER, 19 BADGER, 8 BEAGLE, 9 FLASHLIGHT/FIREBAR, 7

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FISHBED, 4 PROBABLE FISHBED, 4 FARMER, 1 CAMEL, 2 CAT/CUB, 1 COKE, 6 CRATE, 3 CAB, 2 PROBABLE COLT, 6 HOUND AND 1 SMALL STRAIGHT-WING.

AIRCRAFT AT NEW PARKING APRON -- 8 BADGER, 12 BEAGLE, 34 MANDRAKE, 48 FAGOT/FRESCO AND 2 CAB.

AIRCRAFT AT FIRING-IN BUTT -- 1 DERELICT MANDRAKE.

AIRCRAFT AT TEST AREA -- 2 DERELICT BULL, 4 DERELICT BEAGLE, 1 DERELICT CRATE, 24 DERELICT FAGOT/FRESCO AND 2 DERELICT FLASHLIGHT/FIREBAR.

THE FOLLOWING RADAR ANTENNAS CAN BE IDENTIFIED IN THE AIR WARNING RADAR FACILITY LOCATED APPROXIMATELY 2,000 FT NE OF THE OLDER MAIN RUNWAY -- 2 BACKNET, 2 SIDE NET, 2 BAR LOCK, 1 STONE CAKE, 1 TOKEN, 1 PROBABLE SPOON REST AND 1 MOBILE HIGH FREQUENCY FACILITY AND SEVERAL SCATTERED VEHICLES INDICATING ADDITIONAL ANTENNAS TOO SMALL TO BE IDENTIFIED.

NO ADDITIONAL CONSTRUCTION OBSERVED SINCE

MOSCOW CENTRAL INSTITUTE OF AERO-ENGINES UR 5534N 03756E BONUS 1

6 NM WEST OF RAMENSKOYE FLIGHT TEST CENTER.

THE INSTITUTE, WHICH IS CLOSE TO MOSCOW/MYACHKOVO AIRFIELD, IS SURROUNDED BY A SECURITY FENCE AND IS RAIL SERVED. FACILITIES INCLUDE A LARGE ATMOSPHERIC AND ENVIRONMENTAL TEST BUILDING, A GAS DYNAMICS FACILITY, 5 LARGE WORKSHOPS, 2 ENGINE TEST CELL BUILDINGS, EACH CONTAINING 4 LARGE L-TYPE TEST CELLS WITH SILENCERS, 2 LARGE TRANSFORMER YARDS, 2 STEAMPLANTS, ONE OF WHICH IS UNDER CONSTRUCTION, AN UNIDENTIFIED AREA, AND A LARGE ADMINISTRATION AND SUPPORT AREA.

(SEE ATTACHMENT)

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**Naval
Activity /
Ports**

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NAVAL ACTIVITY/PORTS

HALONG PORT FACILITIES

ID 0340S 12810E

NO CHANGES IN FACILITIES SINCE

VESSELS -- 2 POSSIBLE BARGES.

SELATAN SEAPLANE STATION

ID 0530S 12733E

NO SEAPLANE STATION OR FACILITIES OF ANY TYPE OBSERVED.

AMBOINA PORT FACILITIES

ID 0342S 12812E

FACILITIES INCLUDE 1 OFFSHORE WHARF, 1 PONTON WHARF AND 1 PIER.

VESSELS -- 1 UNIDENTIFIED SMALL VESSEL AND NUMEROUS SMALL CRAFT.

TERNATE PORT FACILITIES

ID 0047N 12723E

FACILITIES INCLUDE 1 OFFSHORE WHARF UNDER CONSTRUCTION AND 1 PIER.

VESSELS -- 1 MERCHANT VESSEL AND 3 SMALL CRAFT.

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**Electronics/
Communications**

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MISSION 4022 1-4 OCT 65

ELECTRONICS/COMMUNICATIONS

SUKHUMI GUIDED MISSILE RADAR FACILITY UR 4300N 04102E

5-NM-RADIUS SEARCH AREA COVERED BY CLEAR PHOTOGRAPHY.

NO NEW GUIDED MISSILE RADAR FACILITIES OBSERVED.

TYURATAM INTERFEROMETER SITE

UR 4542N 06318E

CONSTRUCTION CONTINUES ON THE L-SHAPED INTERFEROMETER. THE ANTENNA BUILDINGS AND THE CONTROL BUILDING APPEAR COMPLETE, BUT THERE ARE NO ANTENNAS ON THE MOUNTS.

SHUANG-CHENG-TZU MTR POSS DN RGE INSTR PT CH 4159N 09608E

NO INSTRUMENTATION OBSERVED ON FAIR, CLEAR PHOTOGRAPHY.

TYURATAM RADIO STATION 2

UR 4536N 06316E

NO NEW CONSTRUCTION OR CHANGE OBSERVED SINCE MISSION

TYURATAM RADIO STATION 3

UR 4538N 06320E

STATION CONSISTS OF A TRANSMITTER BUILDING, COOLING POND, AND LARGE SELF-SUPPORTING LATTICE TOWER UNDER CONSTRUCTION. NO OTHER MAST OR ANTENNAS ARE VISIBLE.

KIMCHAEK SUSPECT RADAR SITE

KN 4041N 12918E

FOUR COASTAL DEFENSE POSITIONS LOCATED ON TOP OF HILL. NO RADAR OBSERVED.

TOP SECRET

TOP SECRET

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25X1
25X1

25X1

OKHOTSK SUSPECT TROPOSCATTER SITE

UR 5925N 14324E

UNIDENTIFIED CONSTRUCTION ACTIVITY CONSISTS OF 13 CIRCULAR EXCAVATIONS, 2 LARGE RECTANGULAR BUILDINGS, AND APPROXIMATELY 7 SMALL BUILDINGS. NO TROPOSCATTER ANTENNA OBSERVED.

25X1

25X1

TAYMYLYR SUSPECT TROPOSCATTER SITE

UR 7242N 12158E

EASTERN AND NORTHERN PART OF SEARCH AREA COVERED BY VERY CLOUDY PHOTOGRAPHY. NO TROPOSCATTER SITE OR OTHER ANTENNAS OBSERVED.

25X1

SANGAR SUSPECT TROPOSCATTER SITE

UR 6354N 12734E

NO TROPOSCATTER ANTENNAS OBSERVED WITHIN 15 NM OF REFERENCED COORDINATES.

UNIDENTIFIED CONSTRUCTION ACTIVITY CONSISTS OF 16 SMALL CIRCULAR EXCAVATIONS IN 4 ROWS OF 4 EXCAVATIONS EACH, 2 LARGE, RECTANGULAR FLAT-ROOFED BUILDINGS AND APPROXIMATELY 10 SMALL BUILDINGS NEAR THE EXCAVATIONS.

25X1

ZHIGANSK SUSPECT TROPOSCATTER SITE

UR 6640N 12326E

UNIDENTIFIED CONSTRUCTION ACTIVITY CONSISTS OF 8 SMALL CIRCULAR EXCAVATIONS IN 4 ROWS OF 2 EACH AND 2 LARGE RECTANGULAR BUILDINGS. NO TROPOSCATTER ANTENNAS OBSERVED.

25X1

TOP SECRET

25X1

25X1

TOP SECRET
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APUKA TALL KING FACILITY

UR 6026N 16941E

NO APPARENT CHANGE EXCEPT FOR ABSENCE OF THE HORIZONTAL
STORAGE TANKS REPORTED ON

SMIDOVICH TALL KING FACILITY SEARCH

UR 7456N 05625E

CENTRAL THIRD OF SEARCH AREA COVERED. NO TALL KING
OBSERVED.

NIZHNIYE KRESTY TALL KING-AW RADAR FAC

UR 6845N 16121E

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR
EQUIPMENT OBSERVED.

OSTROV VIZE TALL KING-AW RADAR FAC 2 SRCH UR 7940N 07640E

WEST 75 PERCENT OF ISLAND COVERED. NO TALL KING
OBSERVED IN CLOUD-FREE AREAS.

VERKNIY INEGEN TALL KING FACILITY SEARCH UR 5021N 08636E

NO TALL KING OBSERVED IN CLOUD-FREE PORTIONS OF SEARCH
AREA.

AREA 80 PERCENT CLOUD COVERED.

TOP SECRET

TOP SECRET
MISSION 4022

MYS IZBUSHECHNYY RADAR TRACKING FACILITY UR 6031N 03237E

FACILITY CONTAINS OF AN H-SHAPED ROAD PATTERN SIMILAR TO THAT OF PREVIOUSLY KNOWN H-SHAPED RADAR FACILITIES. NO TOWERS OBSERVED. THE CENTRAL CONTROL AREA IS PRESENT BUT UNREVIEWED AND 2 BUILDINGS COMPLETE THE MAIN OPERATIONS AREA. A ROAD TERMINATES AT AN UNIDENTIFIED POSITION IMMEDIATELY WEST AND INSIDE THE SECURITY FENCE. THE UNIDENTIFIED POSITION IS CONNECTED BY A DITCH TO THE MAIN OPERATIONS AREA. CONSTRUCTION CONTINUES AT THE SUPPORT AREA, WHICH CONSISTS OF 6 BUILDINGS (3 ARE STILL UNDER CONSTRUCTION).

AYAGUZ COMMUNICATIONS FACILITIES

UR 4757N 08022E BONUS 1

2 NM SW OF AYAGUZ.

TWO SECURED COMMUNICATIONS FACILITIES APPROXIMATELY 0.75 NM APART EACH CONTAIN A CENTRAL CONTROL BUILDING. SEVERAL VERTICAL MASTS SURROUND EACH CONTROL BUILDING.

AYAGUZ TALL KING-AW RADAR FACILITY

UR 4756N 08023E BONUS 2

2 NM WSW OF AYAGUZ AND EASTERN EDGE OF SERGIOPOL AT 47-56-30N 080-23-05E.

SECURED FACILITY CONTAINS AN ANTENNA BUILDING, SUPPORT BUILDING, AND A GENERATOR BUILDING. ASSOCIATED WITH THE TALL KING FACILITY ARE 1 UNOCCUPIED AND 2 OCCUPIED RADAR MOUNDS.

TOP SECRET

TOP SECRET

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25X1
25X1
25X1

VORKUTA TALL KING FACILITY

UR 6731N 06408E BONUS 3

2.5 NM NE OF VORKUTA.

SINGLE-SECURED FACILITY INCLUDES 1 TALL KING ANTENNA, 1 ANTENNA BUILDING, 1 SUPPORT BUILDING, 1 GENERATOR BUILDING, AND A GROUP OF HORIZONTAL FUEL STORAGE TANKS.

A SUPPORT FACILITY UNDER CONSTRUCTION IS LOCATED 500 FT SOUTH OF THE TALL KING.

25X1

KANDALAKSHA AD HQ CONTROL BUNKER

UR 6710N 03220E BONUS 4

2.5 NM NW OF KANDALAKSHA.

SECURED EARTH-COVERED BUNKER AND AT LEAST 3 SMALL SUPPORT BUILDINGS OF SAME APPROXIMATE SIZE AND DESIGN AS THOSE PREVIOUSLY REPORTED AT BRYANSK, KRASNOVODSK, ORSK, GROZNYI AND MURMASHI AIR DEFENSE HQ.

25X1

SOVETSKAYA GAVAN TALL KING-AD HQ FACILITY UR 4903N 14016E BONUS 5

2.5 NM NE OF SOVETSKAYA GAVAN/VANINO AIRFIELD.

FACILITY CONTAINS 1 TALL KING ANTENNA, 1 ANTENNA BUILDING, 1 SUPPORT BUILDING, 1 GENERATOR BUILDING, AND 1 PROBABLE MAINTENANCE BUILDING.

AN AIR WARNING RADAR FACILITY IS LOCATED 9 NM SSE OF THE TALL KING AND CONTAINS 1 PROBABLE BIG MESH AND 1 PROBABLE ROCK CAKE RADAR, 2 PROBABLE ELECTRONIC VANS AND APPROXIMATELY 5 SUPPORT BUILDINGS.

ANOTHER AW RADAR FACILITY IS LOCATED APPROXIMATELY 5.5 NM WEST AND CONTAINS A BUNKERED CONTROL AREA AND SEVERAL UNIDENTIFIED RADAR ANTENNAS.

25X1

TOP SECRET

25X1

25X1

**Military
Activity**

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MILITARY ACTIVITY

TARGOVISTE MOTOR ORDNANCE DEPOT

RU 4455N 02527E

LOCATED ON SW EDGE OF TARGOVISTE ALONG RAIL LINE.

FACILITIES INCLUDE 1 LARGE MONITOR-ROOF BUILDING, 1 ADMINISTRATION-TYPE BUILDING, 2 SUPPORT BUILDINGS, AN UNIDENTIFIED BUILDING WITH A SMOKESTACK. TWO VEHICLES ARE IN THE AREA. AN ADJACENT STORAGE/WORK AREA CONTAINS 3 BUILDINGS, 12 VEHICLES, AND SCATTERED UNIDENTIFIED PIECES OF EQUIPMENT.

BIROBIDZHAN ARMY BARRACKS

UR 4847N 13253E

INSTALLATION COVERS APPROXIMATELY 1,000 ACRES AND CONTAINS 5 ADMINISTRATION BUILDINGS, 2 PROBABLE ADMINISTRATION BUILDINGS, 26 BARRACKS, 16 DEPENDENTS QUARTERS, 24 STORAGE BUILDINGS, 5 VEHICLE SHEDS, APPROXIMATELY 80 OTHER BUILDINGS, A RAIL-SERVED POL STORAGE AREA, AND A MOTOR POOL WITH 12 PROBABLE TANKS/SP GUNS, 24 PROBABLE CARGO TRUCKS, AND 15 OTHER VEHICLES.

TRAINING FACILITIES CONSIST OF A TRACKED/WHEELED-VEHICLE DRIVER-TRAINING COURSE (AT THE WEST EDGE OF THE AREA), A SMALL-ARMS FIRING RANGE, AN OBSTACLE COURSE, AN ATHLETIC FIELD AND A PARADE GROUND.

DNEPROPETROVSK ARMY BARRACKS

UR 4827N 03504E

NO NEW CONSTRUCTION, CHANGES IN FACILITIES OR NEW FEATURES OBSERVED. TWO PROBABLE TRACK PRIME MOVERS, AT LEAST 56 CARGO TRUCKS, 48 VAN TRUCKS, 8 VAN TRAILERS, 15 PROBABLE FA PIECES, 40 AAA/MORTARS AND 10 OTHER UNIDENTIFIED VEHICLES/PIECES OF EQUIPMENT OBSERVED.

TOP SECRET

TOP SECRET

MISSION 4022 1-4 OCT 65

25X1
25X1

DNEPROPETROVSK ARMY BARRACKS CENTRAL

UR 4827N 03500E

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR NEW FEATURES OBSERVED. AT LEAST 45 TANKS/SP GUNS, 66 VAN TRUCKS, 11 UNIDENTIFIED VEHICLES/PIECES OF EQUIPMENT, AND 16 F/A PIECES OBSERVED.

25X1

25X1

DNEPROPETROVSK ARMY BARRACKS SOUTHWEST

UR 4827N 03500E

AREA OCCUPIED. TWELVE TRACKED PRIME MOVERS, 25 VAN TRUCKS, 3 VAN TRAILERS, AND AT LEAST 200 AAA/MORTARS OBSERVED.

25X1

KAMENETS-PODOLSKIY ARMY BARRACKS SE

UR 4840N 02635E

ON SOUTHEASTERN EDGE OF KAMENETS-PODOLSKIY.

PARTIALLY SECURED AREA CONTAINS 6 LARGE ADMINISTRATION BUILDINGS (1 U-SHAPED AND 1 T-SHAPED), 12 BARRACKS, 3 LARGE PROBABLE VEHICLE SHEDS, 4 PROBABLE STORAGE BUILDINGS, 3 PROBABLE VEHICLE MAINTENANCE BUILDINGS, 9 SUPPORT BUILDINGS, 2 BUILDING FOUNDATIONS, A PROBABLE UNDERGROUND POL STORAGE AREA AND AN ATHLETIC OVAL.

VEHICLES -- 34 PROBABLE TANKS/SP GUNS AND AT LEAST 10 OTHER VEHICLES/PIECES OF EQUIPMENT ADJACENT TO THE VEHICLE SHEDS.

25X1

KAMENETS-PODOLSKIY ARTY DEPOT SMOTRICH

UR 4841N 02635E

NO APPARENT CHANGE IN FACILITIES SINCE

25X1
25X1

AT LEAST 75 POSSIBLE CARGO TRUCKS OBSERVED IN WEST AREA. NO VEHICLES, WEAPONS OR EQUIPMENT OBSERVED IN EAST AREA.

25X1

TOP SECRET

25X1
25X1

TOP SECRET

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KHABAROVSK BARRACKS & ARTY SCHOOL AL 2 UR 4823N 13506E

NO NEW CONSTRUCTION OR CHANGES TO FACILITIES SINCE

FIFTEEN CARGO TRUCKS AND 95 UNIDENTIFIED
VEHICLES/PIECES OF EQUIPMENT OBSERVED.

KHABAROVSK ORD DEPOT KRASNAYA RECHKA 154 UR 4821N 13502E

NO NEW CONSTRUCTION OR CHANGES IN FACILITIES SINCE

VEHICLES AND EQUIPMENT -- 4 SS-4 MISSILE ERECTORS, 67
SA-2 LAUNCHERS, 38 SA-2 TRANSPORTERS, 12 FLATBED
TRACTOR TRAILERS, 120 CARGO TRUCKS (8 WITH TRAILERS),
27 VAN TRUCKS, 38 CANVAS-COVERED UNIDENTIFIED TRUCKS,
52 VAN TRAILERS, 28 PROBABLE FA PIECES, 147 AAA GUNS,
AND APPROXIMATELY 500 UNIDENTIFIED VEHICLES/PIECES OF
EQUIPMENT.

KHMELNITSKIY AMMUNITION DEPOT GRECHANY UR 4927N 02653E

SECURED AREA CONTAINS 5 LARGE AND 4 SMALLER REVETTED
STORAGE BUILDINGS, AND 13 OTHER STORAGE BUILDINGS
DISPERSED IN A WOODED AREA.

SUPPORT AREA CONTAINS 1 H-SHAPED ADMINISTRATION
BUILDING, 5 BARRACKS, A VEHICLE MAINTENANCE AREA WITH 2
VEHICLE MAINTENANCE SHEDS AND 21 SUPPORT BUILDINGS. AT
LEAST 3 VEHICLES OBSERVED.

KHMELNITSKIY ARMY BARRACKS SOUTH AL 2 UR 4925N 02659E

AREA IS ACTIVE AND OCCUPIED. FOURTEEN POSSIBLE TANKS
OBSERVED.

TOP SECRET

TOP SECRET

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NAKHICHEVAN ARMY BARRACKS AL 2

UR 3912N 04523E

ON SOUTH EDGE OF NAKHICHEVAN.

BARRACKS INSTALLATION DIVIDED INTO 2 SECURED AREAS. THE NORTH AREA CONTAINS 75 LIVING QUARTERS, 7 SINGLE-STORY BARRACKS, 10 ADMINISTRATION-TYPE BUILDINGS, 10 SUPPORT BUILDINGS, 20 WAREHOUSES, 6 VEHICLE STORAGE/MAINTENANCE BUILDINGS, AND 6 POL TANKS. FORTY CARGO TRUCKS, 7 POSSIBLE TRACKED PRIME MOVERS AND 16 UNIDENTIFIED PIECES OF EQUIPMENT OBSERVED.

THE SOUTH AREA CONTAINS 2 BARRACKS, 1 ADMINISTRATION BUILDING, 9 SUPPORT BUILDINGS, AND 17 WAREHOUSES. TWENTY CARGO TRUCKS AND 4 UNIDENTIFIED VEHICLES OBSERVED.

NAKHICHEVAN ARMY BARRACKS NORTH

UR 3913N 04524E

NO CHANGE IN FACILITIES NOTED.

ONE-HUNDRED-TWENTY CARGO TRUCKS, 18 UTILITY TRUCKS, 4 PROBABLE CRANES, AND 24 UNIDENTIFIED PIECES OF EQUIPMENT OBSERVED.

NAKHICHEVAN MILITARY VEHICLE PARK

UR 3911N 04526E

LOCATED ADJACENT TO NAKHICHEVAN AIRFIELD.

FACILITIES INCLUDE 3 BARRACKS/ADMINISTRATION BUILDINGS, A VEHICLE MAINTENANCE BUILDING AND 17 SUPPORT BUILDINGS. NINETEEN CARGO TRUCKS, 5 UNIDENTIFIED VEHICLES, AND 17 PROBABLE TRAILERS OBSERVED.

NOVOSIBIRSK ARMY SUPPLY DEPOT

UR 5459N 08258E

SECURED INSTALLATION INCLUDES 5 MULTISTORY BARRACKS, 3 ADMINISTRATION BUILDINGS, 23 STORAGE BUILDINGS, 21 SUPPORT BUILDINGS AND 1 PROBABLE VEHICLE SHED.

TOP SECRET

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TWENTY-FOUR PROBABLE CARGO TRUCKS, 21 OTHER TRUCKS, AND APPROXIMATELY 60 UNIDENTIFIED VEHICLES/PIECES OF EQUIPMENT OBSERVED. NO TANKS OR ARMORED EQUIPMENT OBSERVED.

ORDZHONIKIDZE MILITARY INSTALLATION

UR 4302N 04443E

NO CHANGE IN FACILITIES NOTED.

THIRTY TANKS, 8 PROBABLE LOWBOY TRAILERS, AND APPROXIMATELY 135 CARGO TRUCKS OBSERVED.

AIRCRAFT -- 2 BULL AND 9 PROBABLE FAGOT/FRESCO PARKED IN OPEN FIELDS.

ORDZHONIKIDZE VEHICLE STORAGE AREA

UR 4259N 04441E

ON EAST BANK OF THE TEREK RIVER, 3.2 NM SOUTH OF THE CENTER OF ORDZHONIKIDZE.

FACILITIES INCLUDE 1 U-SHAPED ADMINISTRATION BUILDING, 4 PROBABLE SINGLE-STORY BARRACKS, 2 MOTOR PARKS, 4 PROBABLE MAINTENANCE BUILDINGS/SHEDS, 7 PROBABLE SUPPORT BUILDINGS, AND 4 PROBABLE EQUIPMENT STORAGE BUILDINGS. SIX CARGO TRUCKS OBSERVED.

POGRANICHNYY ARMY BARRACKS SOUTH

UR 4423N 13121E

NO NEW CONSTRUCTION OR CHANGES IN FACILITIES SINCE [REDACTED] AT LEAST 30 TANKS/SP GUNS, 40 PROBABLE CARGO TRUCKS, AND 20 VEHICLES/PIECES OF EQUIPMENT OBSERVED.

LAHORE MILITARY ACTIVITY

PK 3130N 07423E

THE SE SECTION OF LAHORE, IN THE VICINITY OF THE LAHORE/PAF AIRFIELD, CONTAINS 6 MILITARY INSTALLATIONS,

50

TOP SECRET

[REDACTED] **TOP SECRET** [REDACTED]

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25X1
25X1

OF WHICH 4 ARE INACTIVE. THREE SECURED PROBABLE
MILITARY STORAGE DEPOTS ARE LOCATED ON THE EAST EDGE OF
LAHORE. A RAIL-SERVED DEPOT LOCATED 4.5 NM EAST OF
LAHORE CONTAINS 77 CARGO TRUCKS, 46 PROBABLE UTILITY
TRUCKS, 88 UNIDENTIFIED VEHICLES AND NUMEROUS PIECES OF
UNIDENTIFIED EQUIPMENT.

NO TANKS OR ARMORED EQUIPMENT OBSERVED.

[REDACTED] 25X1

51

TOP SECRET [REDACTED]

[REDACTED] 25X1
25X1

Complexes

TOP SECRET
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COMPLEXES

CHI-CHI-HA-ERH COMPLEX

CH 4721N 12358E

NEW CONSTRUCTION THROUGHOUT THE COMPLEX INDICATES A MODERATE LEVEL OF INDUSTRIAL ACTIVITY. NO SIGNIFICANT CHANGES IN MILITARY OR TRANSPORTATION FACILITIES ARE EVIDENT.

TSO-NA COMPLEX

TI 2759N 09159E

TEN TENTS OBSERVED IN THE VILLAGE. IN THE POSSIBLE MILITARY AREA EAST OF THE VILLAGE AN H-SHAPED BUILDING AND AN ENCLOSED AREA CONTAINING 4 BUILDINGS ARE OBSERVED. TWO ADDITIONAL PROBABLE STORAGE BUILDINGS HAVE BEEN CONSTRUCTED IN THE SMALL STORAGE AREA NORTH OF THE COMPLEX.

NO VEHICLES, WEAPONS OR EQUIPMENT VISIBLE.

KHABAROVSK COMPLEX

UR 4829N 13504E

WESTERN 90 PERCENT OF COMPLEX COVERED. NO SIGNIFICANT NEW CONSTRUCTION NOTED.

LUKACHEK POSS GEODETIC CONTROL POINT

UR 5256N 13231E

NO GEODETIC CONTROL POINTS VISIBLE IN CLOUD-FREE AREAS. PHOTOGRAPHY IS 60 PERCENT CLOUD COVERED.

OGODZHA POSS GEODETIC CONTROL POINT

UR 5245N 13230E

NO GEODETIC CONTROL POINTS VISIBLE IN CLOUD-FREE AREAS. PHOTOGRAPHY IS 70 PERCENT CLOUD COVERED.

TOP SECRET

**Other
Activity**

TOP SECRET

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OTHER ACTIVITY

NYANDOMA SENSITIVE OPERATIONS COMPLEX

UR 6139N 04015E

OPERATIONS AREA AND MAINTENANCE AREA COMPLETELY CLOUD COVERED. CLOUD SHADOW PRECLUDES INTERPRETATION OF MOTOR POOL AND RAIL FACILITY.

THREE FAGOT AIRCRAFT VISIBLE IN AREA IMMEDIATELY NORTH OF THE BRIDGE CRANE, WHERE 3 FAGOT WERE FIRST OBSERVED IN

MILITARY HOUSING FACILITIES NOW CONTAIN 10 LARGE MULTISTORY BARRACKS (1 UNDER CONSTRUCTION).

GOLOVCHINO SENSITIVE OPERATIONS COMPLEX

UR 5033N 03544E

BUILDINGS, ROADS AND APRONS IN THE OPERATIONS SUPPORT FACILITY ARE NOW CAMOUFLAGED WITH DISRUPTIVE PAINT. ONLY EVIDENCE OF CURRENT CONSTRUCTION IS THE NEAR COMPLETION OF THE SIXTH LARGE MULTISTORY BARRACKS WHICH WAS IN VERY EARLY STAGE OF CONSTRUCTION ON MISSION. SECURITY FENCING AROUND THE RAIL FACILITY AND MILITARY HOUSING FACILITIES IS VISIBLE FOR THE FIRST TIME.

RAIL FACILITY CONTAINS 25 RAIL CARS, 3 CARS, 12 CARS, AND 10 CARS. MOTOR POOL CONTAINS 45 VANS/TRUCKS WITH 21 VANS/TRUCKS WITH 11 VANS/TRUCKS WITH AND 13 VANS/TRUCKS WITH LONG BODIES. THESE VEHICLES APPEAR SIMILAR TO THOSE OBSERVED AT VALDAY.

(SEE ATTACHMENT)

TOP SECRET

Index

TOP SECRET

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25X1
25X1INDEX OF COMOR TARGETS

COMOR	INSTALLATION NAME	CTY COORDINATES OAK
	PLESETSK ICBM COMPLEX	UR 6254N 04038E 1 25X1
	PLESETSK ICBM LAUNCH AREA A (SITE 4)	UR 6258N 04046E 1
	PLESETSK ICBM LAUNCH AREA B (SITE 5)	UR 6303N 04057E 1
	PLESETSK ICBM LAUNCH AREA C (SITE 6)	UR 6300N 04052E 1
	PLESETSK ICBM LAUNCH AREA D (SITE 8)	UR 6253N 04047E 1
	PLESETSK ICBM PROB LAUNCH AREA H (SITE 10)	UR 6253N 04051E 1
	PLESETSK ICBM LAUNCH POINT IV (SITE 3)	UR 6257N 04041E 1
	TYURATAM MISSILE TEST CENTER	UR 4538N 06317E 1
	TYURATAM MAIN SUPPORT BASE	UR 4538N 06317E 1
	DROVYANAYA ICBM COMPLEX	UR 5131N 11300E 1
	DROVYANAYA ICBM LAUNCH AREA A (SITE 1)	UR 5125N 11300E 1
	DROVYANAYA ICBM LAUNCH AREA B (SITE 2)	UR 5125N 11304E 1
	DROVYANAYA ICBM LAUNCH AREA C (SITE 4)	UR 5127N 11303E 1
	DROVYANAYA ICBM LAUNCH AREA D (SITE 3)	UR 5120N 11301E 1
	DROVYANAYA ICBM LAUNCH AREA E (SITE 5)	UR 5122N 11250E 1
	DROVYANAYA ICBM LAUNCH AREA F (SITE 6)	UR 5120N 11254E 1
	DROVYANAYA ICBM LAUNCH GROUP G	UR 5134N 11304E 1
	DROVYANAYA ICBM LAUNCH GROUP H	UR 5122N 11302E 1
	TYUMEN ICBM COMPLEX	UR 5652N 06551E 1
	TYUMEN ICBM LAUNCH AREA A (SITE 3)	UR 5651N 06533E 1
	TYUMEN ICBM LAUNCH AREA C (SITE 2)	UR 5650N 06526E 1
	YEDROVO ICBM COMPLEX	UR 5751N 03340E 1
	YEDROVO ICBM LAUNCH AREA C (SITE 5)	UR 5748N 03307E 1
	YEDROVO ICBM LAUNCH AREA F (SITE 6)	UR 5743N 03306E 1
	YEDROVO ICBM LAUNCH AREA G (SITE 7)	UR 5747N 03301E 1
	GLADKAYA ICBM COMPLEX	UR 5606N 09214E 1
	GLADKAYA ICBM LAUNCH AREA A (SITE 3)	UR 5620N 09220E 1
	GLADKAYA ICBM LAUNCH AREA D (SITE 5)	UR 5621N 09215E 1
	NOVOSIBIRSK ICBM COMPLEX	UR 5515N 08259E 1
	OLOVYANNAYA ICBM COMPLEX	UR 5049N 11550E 1
	OLOVYANNAYA ICBM LAUNCH AREA A (SITE 1)	UR 5054N 11548E 1
	OLOVYANNAYA ICBM LAUNCH GROUP E	UR 5056N 11558E 1
	OLOVYANNAYA ICBM LAUNCH GROUP F	UR 5051N 11551E 1
	OLOVYANNAYA ICBM LAUNCH GROUP G	UR 5043N 11544E 1
	ALEYSK ICBM COMPLEX	UR 5228N 08242E 1
	ALEYSK ICBM LAUNCH AREA A (SITE 1)	UR 5227N 08235E 1
	ALEYSK ICBM LAUNCH AREA B (SITE 2)	UR 5229N 08240E 1
	ALEYSK ICBM LAUNCH AREA C (SITE 3)	UR 5233N 08242E 1
	ALEYSK ICBM LAUNCH AREA D (SITE 4)	UR 5232N 08234E 1
	ALEYSK ICBM LAUNCH AREA E (SITE 5)	UR 5235N 08230E 1
	ALEYSK ICBM LAUNCH AREA F (SITE 6)	UR 5236N 08236E 1
	TATISHCHEVO ICBM COMPLEX	UR 5140N 04534E 1
	TATISHCHEVO ICBM LAUNCH GROUP D	UR 5139N 04503E 1
	SOFIYE-ALEKSEYEVSKOYE MRBM LAUNCH SITE	UR 4415N 13123E 2

25X1

TOP SECRET

25X1

25X1

TOP SECRET

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25X1
25X1

BARANO-ORENBURGSKOYE MRBM LAUNCH SITE	UR 4419N 13130E	2
KAMENETS-PODOLSKIY MRBM LAUNCH SITE 1	UR 4851N 02642E	2
OSTROG MRBM LAUNCH SITE 1	UR 5014N 02644E	2
BORKHOV MRBM LAUNCH SITE 1	UR 5218N 03043E	2
TORVA MRBM LAUNCH SITE 1	UR 5756N 02604E	2
KARA-BABAU IRBM LAUNCH SITE 1	UR 4432N 07746E	1
ROZHDESTVENKA MRBM LAUNCH SITE	UR 4547N 13343E	1
UGOLNYY MRBM LAUNCH SITE	UR 6446N 17758E	2
KURDZHIPSKAYA MRBM LAUNCH SITE	UR 4431N 04000E	2
KAMENNNY MOST IRBM LAUNCH SITE	UR 4758N 03053E	2
SKRUNDA IRBM LAUNCH SITE	UR 5635N 02149E	1
SEMOVKA IRBM LAUNCH SITE 1	UR 4758N 03059E	2
JABAL HAMZI SSM COMPLEX	EG 3007N 03037E	3
SHIRVANSKAYA MRBM LAUNCH SITE	UR 4425N 03954E	2
TSIRGULIINA MRBM LAUNCH SITE	UR 5749N 02612E	2
SEMOVKA IRBM LAUNCH SITE 2	UR 4753N 03057E	2
RAMOYE IRBM LAUNCH SITE	UR 6426N 03418E	2
KARA-BABAU IRBM LAUNCH SITE 3	UR 4431N 07743E	1
TULSKAYA FIXED FIELD MRBM SITE	UR 4431N 04014E	1
SOVETSKAYA GAVAN MRBM LAUNCH FACILITY	UR 4904N 14007E	3
GOMEL FIXED FIELD MRBM SITE 1	UR 5220N 03051E	3
SLAVUTA FIXED FIELD MRBM SITE	UR 5016N 02657E	2
SHEPETOVKA FIXED FIELD MRBM SITE	UR 5012N 02659E	2
VALGA FIXED FIELD MRBM SITE 1	UR 5750N 02554E	2
MAYKOP FIXED FIELD MRBM SITE	UR 4432N 03957E	1
SOFIYE-ALEKSEYEVSKOYE FIXED FLD MRBM SITE	UR 4411N 13124E	2
VALGA FIXED FIELD MRBM SITE 2	UR 5755N 02546E	2
GOMEL FIXED FIELD MRBM SITE 2	UR 5224N 03050E	2
KAPUSTIN YAR/VLADIMIROVKA MSL TEST CTR	UR 4835N 04545E	3
KAPUSTIN YAR LAUNCH COMPLEX A	UR 4842N 04615E	3
KAPUSTIN YAR LAUNCH COMPLEX B	UR 4841N 04616E	3
KAPUSTIN YAR LNCH COMPLEX C (SITES 2,4-9)	UR 4836N 04616E	3
KAPUSTIN YAR LAUNCH COMPLEX D (SITE 1)	UR 4828N 04618E	3
KAPUSTIN YAR LAUNCH COMPLEX G	UR 4822N 04617E	3
KAPUSTIN YAR MISSILE STOR & HANDLING AREA	UR 4822N 04612E	3
SARY-SHAGAN ANTIMISSILE TEST CENTER	UR 4602N 07334E	3
SARY-SHAGAN LNCH COMPLEX B (SITE 1B14)	UR 4559N 07231E	3
SARY-SHAGAN INSTRUMENTATION SITE 4	UR 4557N 07213E	3
SARY-SHAGAN INSTRUMENTATION SITE 14	UR 4707N 06910E	3
SHUANG-CHENG-TZU MISSILE TEST CENTER	CH 4107N 10020E	2
SHUANG-CHENG-TZU LAUNCH COMPLEX A (SITE 1)	CH 4114N 10017E	2
SHUANG-CHENG-TZU LAUNCH COMPLEX C (SITE 3)	CH 4118N 10018E	2
EMBA MSL TEST CENTER LAUNCH AREA	UR 4831N 05801E	2

25X1

25X1

MAGADAN SUSPECT MISSILE TEST FACILITY	UR 6000N 15300E	1
MAGADAN SUSPECT MISSILE TEST FACILITY	UR 6027N 15127E	3
MAGADAN SUSPECT MISSILE TEST FACILITY	UR 5942N 15104E	3
DNEPROPETROVSK MISSILE DEVELOP PROD CTR	UR 4826N 03459E	3
KURUMUCH ROCKET ENGINE TEST FACILITY	UR 5331N 04949E	3

TOP SECRET

25X1

25X1

TOP SECRET

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25X1
25X1

PEIPING MISSILE DEV CTR CHANG-HSIN-TIEN CH 3950N 11608E 2
 NOVOSIBIRSK AIRFRAME PLANT CHKALOV 153 UR 5504N 08259E 3
 VOLGOGRAD ORD & MUN PLT KRASNYY BARRIKADA UR 4846N 04435E 2
 FERGANA ROCKET ENGINE TEST FACILITY UR 4027N 07147E 3

25X1

SEVERODVINSK NAVAL BASE AND SHIPYARD 402 UR 6434N 03949E 1
 KOMSOMOLSK SHIPYARD AMUR 199 UR 5033N 13702E 2
 VLADIMIR SUBMARINE BASE UR 4355N 13528E 3
 VLADIVOSTOK NAVAL BASE AND SHIPYARD 202 UR 4306N 13156E 3
 SOVETSKAYA GAVAN SUBMARINE BASE UR 4902N 14016E 3
 MOSCOW SUSPECT ABM AREA UR 5545N 03737E 2
 LENINGRAD AMM/SAM LAUNCH COMPLEXES UR 5955N 03020E 3
 LENINGRAD NORTHWEST AMM/SAM LAUNCH COMPLEX UR 6027N 02944E 3
 ANTIPINSKOYE SAM ACTIVITY UR 5254N 11332E 1
 TALLINN AMM/SAM LAUNCH COMPLEX UR 5924N 02419E 3
 SKRUNDA DUAL HEN HOUSE UR 5643N 02157E 1
 KALIDJATI SAM TRAINING CENTER ID 0633S 10740E 1
 MENGGALA SAM SEARCH ID 0430S 10515E 1
 BAKU SAM SITE B10-3 UR 4022N 05007E 2
 SEVERODVINSK SAM SITE B02-3 UR 6446N 03959E 2
 PEIPING SAM SITE B26-2 CH 3951N 11609E 1
 BIAK ISLAND SAM SEARCH ID 0112S 13607E 1
 TAPASTE SAM ASSEMBLY AREA CU 2301N 08204W 1
 DALNYAYA SAM SITE A36-2 UR 4555N 14204E 2
 YEN BAI SAM SITE A31-2 VN 2143N 10451E 1
 COLLO PENINSULA SUSPECT SAM DEFENSE AREA AG 3700N 00634E 1
 GUANABO CRUISE MISSILE SITE CU 2309N 08203W 2
 YU-LIN COASTAL DEFENSE AND RADAR SITE CH 1811N 10929E 2
 NOVAYA MEZINOVKA REGIONAL MIL STOR INSTN UR 5331N 02655E 3

25X1

CHEPELEVKA AIRFIELD UR 4947N 03026E 1

25X1

DOLON AIRFIELD UR 5032N 07912E 1

25X1

CHERVONO-GLINSKOYE AIRFIELD UR 4557N 02923E 1

25X1

MOZDOK AIRFIELD UR 4347N 04435E 1

25X1

MOZDOK AIRFIELD UR 4347N 04435E 2

25X1

ORSHA AIRFIELD SOUTHWEST UR 5426N 03018E 1

ORSHA AIRFIELD SOUTHWEST UR 5426N 03018E 2

ANADYR/LENINKA AIRFIELD UR 6442N 17742E 2

ALEKSEYEVKA AIRFIELD UR 4914N 14011E 1

TARTU AIRFIELD UR 5824N 02646E 1

SARABUZ AIRFIELD UR 4507N 03359E 2

NORILSK AIRFIELD NORTHWEST UR 6923N 08748E 1

RAMENSKOYE FLIGHT TEST CENTER UR 5533N 03808E 2

KOMSOMOLSK AIRFRAME PLT ORDZHONIKIDZE 126 UR 5036N 13705E 3

IRKUTSK AIRFRAME PLANT 39 UR 5221N 10412E 3

TOP SECRET

25X1

25X1

TOP SECRET

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25X1
25X1

AKHTUBINSK/VLADIMIROVKA AIRFIELD
 SHUANG-CHENG-TZU AIRFIELD
 HEI-HO AIRFIELD
 NAN-NING AIRFIELD SOUTH

UR 4818N 04611E 3
 CH 4021N 09947E 2
 TI 3133N 09143E 1
 CH 2236N 10810E 1

25X1

25X1

SURABAJA NAVAL BASE AND SHIPYARD
 YU-LIN NAVAL BASE AND PORT
 HALONG PORT FACILITIES
 CHING-TAO SUBMARINE BASE
 CHING-TAO NAVAL DOCKYARD
 BANDJERMASIN PORT FACILITIES
 SELATAN SEAPLANE STATION
 PALDISKI NAVAL BASE
 KUANG-HAI SUSPECT SUBMARINE BASE
 PEI-HAI NAVAL STATION
 LU-TA SHIPYARD
 KHABAROVSK NVL BASE AND SHPYD AMURFLOT
 KHABAROVSK SHIPYARD USSURI SOUTH
 AMBOINA PORT FACILITIES
 TERNATE PORT FACILITIES
 KIMCHAEK PORT FACILITIES
 BUMBA PORT FACILITIES
 GURYEV PORT FACILITIES
 DURRES PORT FACILITIES

ID 0712S 11244E 2
 CH 1813N 10931E 2
 ID 0340S 12810E 3
 CH 3604N 12019E 2
 CH 3604N 12019E 2
 ID 0320S 11435E 1
 ID 0530S 12733E 3
 UR 5921N 02404E 1
 CH 2156N 11246E 2
 CH 2129N 10906E 2
 CH 3855N 12138E 2
 UR 4834N 13502E 2
 UR 4824N 13506E 2
 ID 0342S 12812E 3
 ID 0047N 12723E 3
 KN 4039N 12912E 2
 CX 0211N 02234E 1
 UR 4706N 05154E 2
 AI 4118N 01927E 1

25X1

VLADIVOSTOK AMMUNITION DPO VTORAYA RECHKA
 SOVETSKAYA GAVAN AMMUNITION DEPOT TOKI

UR 4309N 13157E 1
 UR 4908N 14017E 2

TOP SECRET

25X1
25X1

TOP SECRET

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25X1
15X1

25X1

PAI-CHENG WEAPONS TEST RANGE	CH 4544N 12239E	2
KAZAN POWDER AND EXPLOSIVES PLANT LENIN 40UR	5549N 04901E	3
IMAN EXPLOSIVES STORAGE	UR 4550N 13359E	3
DNEPROPETROVSK AMMUNITION STORAGE	UR 4824N 03502E	2
SIMFEROPOL SPACE TRACKING FACILITY	UR 4503N 03353E	1
SUKHUMI GUIDED MISSILE RADAR FACILITY	UR 4300N 04102E	3
TYURATAM INTERFEROMETER SITE	UR 4542N 06318E	3
SHUANG-CHENG-TZU MTR POSS DN RGE INSTR PT	CH 4159N 09608E	3
MAKAT POSSIBLE ELECTRONICS FACILITY	UR 4759N 05301E	1
TYURATAM RADIO STATION 2	UR 4536N 06316E	3
TYURATAM RADIO STATION 3	UR 4538N 06320E	3
KIMCHAEK SUSPECT RADAR SITE	KN 4041N 12918E	3
OKHOTSK SUSPECT TROPOSCATTER SITE	UR 5925N 14324E	3
TAYMYLYR SUSPECT TROPOSCATTER SITE	UR 7242N 12158E	3
SANGAR SUSPECT TROPOSCATTER SITE	UR 6354N 12734E	3
ZHIGANSK SUSPECT TROPOSCATTER SITE	UR 6640N 12326E	3
APUKA TALL KING FACILITY	UR 6026N 16941E	3
TA-TUNG VLF RADIO COMMUNICATIONS STATION	CH 3957N 11316E	2
SMIDOVICH TALL KING FACILITY SEARCH	UR 7456N 05625E	3
NIZHNIYE KRESTY TALL KING-AW RADAR FAC	UR 6845N 16121E	3
OSTROV MITYUSHEV TALL KING RADAR SITE	UR 7310N 05335E	2
OSTROV VIZE TALL KING-AW RADAR FAC 2 SRCH	UR 7940N 07640E	3
VERKNIY INEGEN TALL KING FACILITY SEARCH	UR 5021N 08636E	3
UGOLNYY DUAL TALL KING-AD HEADQUARTERS FACUR	6438N 17801E	1

25X1

MYS IZBUSHECHNYY RADAR TRACKING FACILITY	UR 6031N 03237E	3
SHAO-KUAN ARMY BARRACKS AREA 1	CH 2442N 11336E	1
KA-ERH-MU ARMY GENERAL SUPPLY DEPOT	CH 3627N 09455E	2

25X1

DOMBOVAR ARTILLERY BARRACKS 1	HU 4620N 01807E	2
TARGOVISTE MOTOR ORDNANCE DEPOT	RU 4455N 02527E	3
SHAO CHINESE CAMP	TI 2746N 09155E	2
LARANG POSSIBLE MILITARY INSTALLATION	TI 2749N 08859E	2
LHASA ARMY BARRACKS SOUTH THIP	TI 2937N 09107E	2
LHASA ARMY BARRACKS WEST NORTU LINGKA	TI 2939N 09102E	2
LHASA ARMY SUPPLY DEPOT NORTH	TI 2940N 09107E	2
LHASA ARMY BARRACKS SOUTHWEST	TI 2938N 09106E	2
TRADUM BARRACKS AND STORAGE DEPOT	TI 2938N 08411E	1
TSO-NA CAMP AND STORAGE AREA	TI 2800N 09201E	2
TSO-NA BARRACKS	TI 2802N 09154E	2
YA-TUNG ARMY BARRACKS	TI 2728N 08854E	1
JIH-KO-TSE ARMY BKS TASHI KYITSA MAGAR	TI 2915N 08853E	2
BIROBIDZHAN ARMY BARRACKS	UR 4847N 13253E	3
DNEPROPETROVSK ARMY BARRACKS	UR 4827N 03504E	3
DNEPROPETROVSK ARMY BARRACKS CENTRAL	UR 4827N 03500E	3
DNEPROPETROVSK ARMY BARRACKS SOUTHWEST	UR 4827N 03500E	3
KAMENETS-PODOLSKIY ARMY BARRACKS SE	UR 4840N 02635E	3

25X1

25X1

TOP SECRET

TOP SECRET

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25X1
25X1
25X1

KAMENETS-PODOLSKIY ARTY DEPOT SMOTRICH	UR 4841N 02635E	3
KHABAROVSK BARRACKS & ARTY SCHOOL AL 2	UR 4823N 13506E	3
KHABAROVSK ORD DEPOT KRASNAYA RECHKA 154	UR 4821N 13502E	3
KHMELNITSKIY AMMUNITION DEPOT GRECHANY	UR 4927N 02653E	3
KHMELNITSKIY ARMY BARRACKS SOUTH AL 2	UR 4925N 02659E	3
MAYKOP ARMY BARRACKS SOUTH	UR 4434N 04007E	2
NAKHICHEVAN ARMY BARRACKS AL 2	UR 3912N 04523E	3
NAKHICHEVAN ARMY BARRACKS NORTH	UR 3913N 04524E	3
NAKHICHEVAN MILITARY VEHICLE PARK	UR 3911N 04526E	3
NOVOSIBIRSK ARMY SUPPLY DEPOT	UR 5459N 08258E	3
OMSK MANEUVER AREA SOUTH	UR 5451N 07320E	2
OMSK PROBABLE MILITARY AREA	UR 5455N 07327E	1
ORDZHONIKIDZE MILITARY INSTALLATION	UR 4302N 04443E	3
ORDZHONIKIDZE VEHICLE STORAGE AREA	UR 4259N 04441E	3
POGRANICHNYY ARMY BARRACKS SOUTH	UR 4423N 13121E	3
VOLGOGRAD ARMY BARRACKS WEST 3	UR 4844N 04429E	2
VOLGOGRAD HQ 266TH MTZ RIFLE DIVISION	UR 4844N 04429E	2
SIALKOT MILITARY ACTIVITY	PK 3230N 07433E	1
LAHORE MILITARY ACTIVITY	PK 3130N 07423E	3
CHI-CHI-HA-ERH COMPLEX	CH 4721N 12358E	3
CHIA-MU-SSU COMPLEX	CH 4649N 13022E	1
CHING-TAO COMPLEX	CH 3604N 12019E	2
LU-TA COMPLEX	CH 3855N 12137E	1
WEN-SHAN COMPLEX	CH 2322N 10415E	1
TSO-NA COMPLEX	TI 2759N 09159E	3
BANDUNG COMPLEX	ID 0654S 10736E	2
MALANG COMPLEX	ID 0759S 11238E	2
PALEMBANG COMPLEX	ID 0300S 10446E	2
BANDUNG PETROLEUM PROD STORAGE SHELL	ID 0654S 10736E	2
YEN-TAI COMPLEX	CH 3732N 12124E	1
LIU-CHOU COMPLEX	CH 2418N 10924E	2
VITEBSK COMPLEX	UR 5512N 03011E	2
KHABAROVSK COMPLEX	UR 4829N 13504E	3
ORSHA COMPLEX	UR 5431N 03024E	2
UFA COMPLEX	UR 5443N 05558E	2
VLADIVOSTOK COMPLEX	UR 4307N 13154E	1
ZATEC COMPLEX	CZ 5019N 01332E	2
AL BASRAH COMPLEX	IQ 3031N 04749E	2
DNEPROPETROVSK COMPLEX	UR 4828N 03502E	1
GOMEL COMPLEX	UR 5225N 03100E	2
KAMYSHIN COMPLEX	UR 5005N 04524E	2
KORKINO COMPLEX	UR 5606N 06557E	2
NIZHNIY TAGIL COMPLEX	UR 5755N 06000E	1
SOVETSKAYA GAVAN COMPLEX	UR 4858N 14018E	2
TAIZZ COMPLEX	YE 1334N 04401E	2
VOLGOGRAD COMPLEX	UR 4842N 04430E	2
LUKACHEK POSS GEODETIC CONTROL POINT	UR 5256N 13231E	3
OGODZHA POSS GEODETIC CONTROL POINT	UR 5245N 13230E	3
NYANDOMA SENSITIVE OPERATIONS COMPLEX	UR 6139N 04015E	3

25X1

TOP SECRET

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25X1

[REDACTED] **TOP SECRET** [REDACTED]

MISSION 4022 1-4 OCT 65 [REDACTED]

25X1
25X1
25X1

[REDACTED] GOLOVCHINO SENSITIVE OPERATIONS COMPLEX
BELEV SENSITIVE OPERATIONS COMPLEX

UR 5033N 03544E 3
UR 5332N 03630E 2

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60

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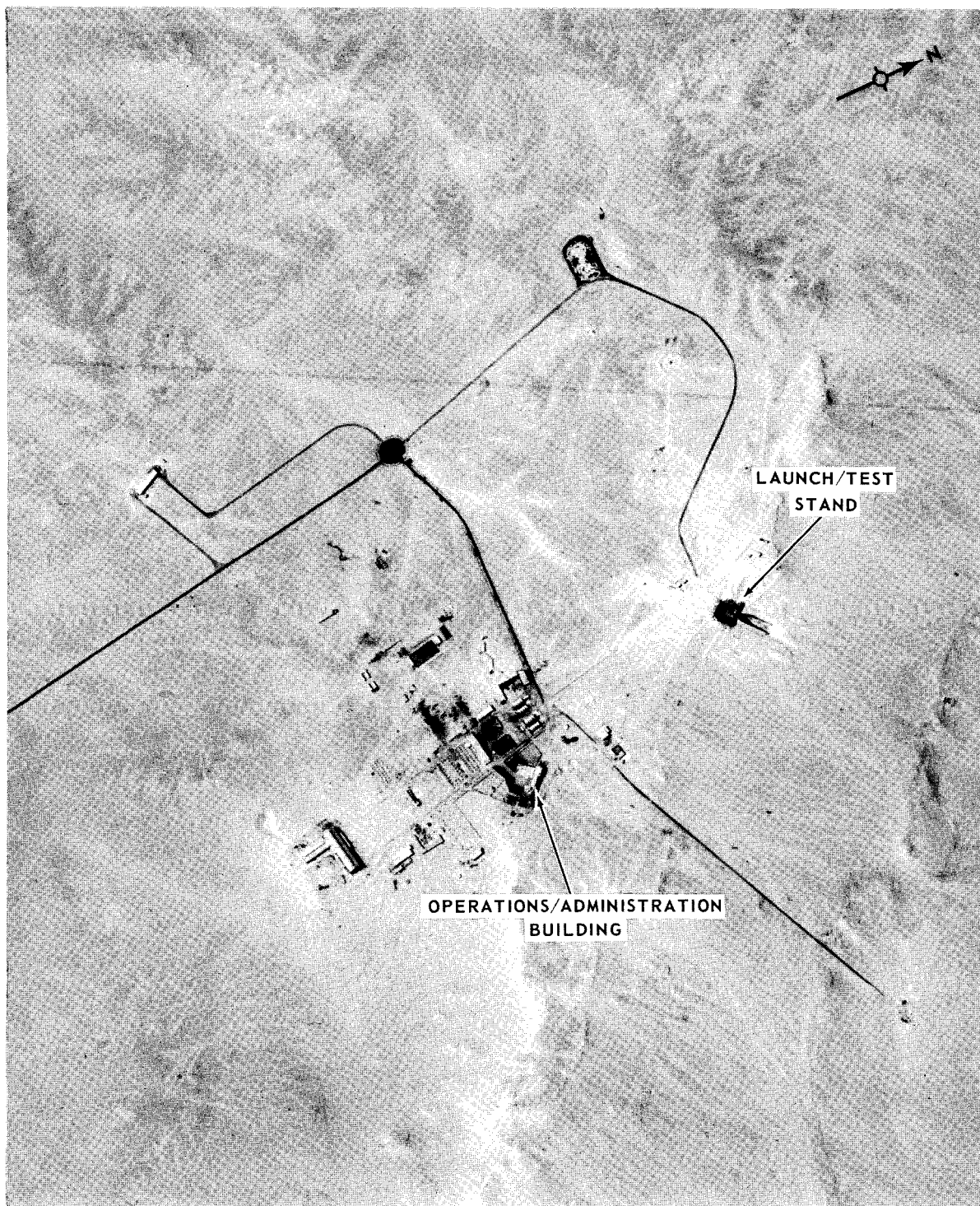
Attachments

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MISSION 4022, 1-4 OCTOBER 1965

ATTACHMENT 1

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SSM COMPLEX, JABAL HAMZI, EGYPT

NPIC K-4089 (10/65)

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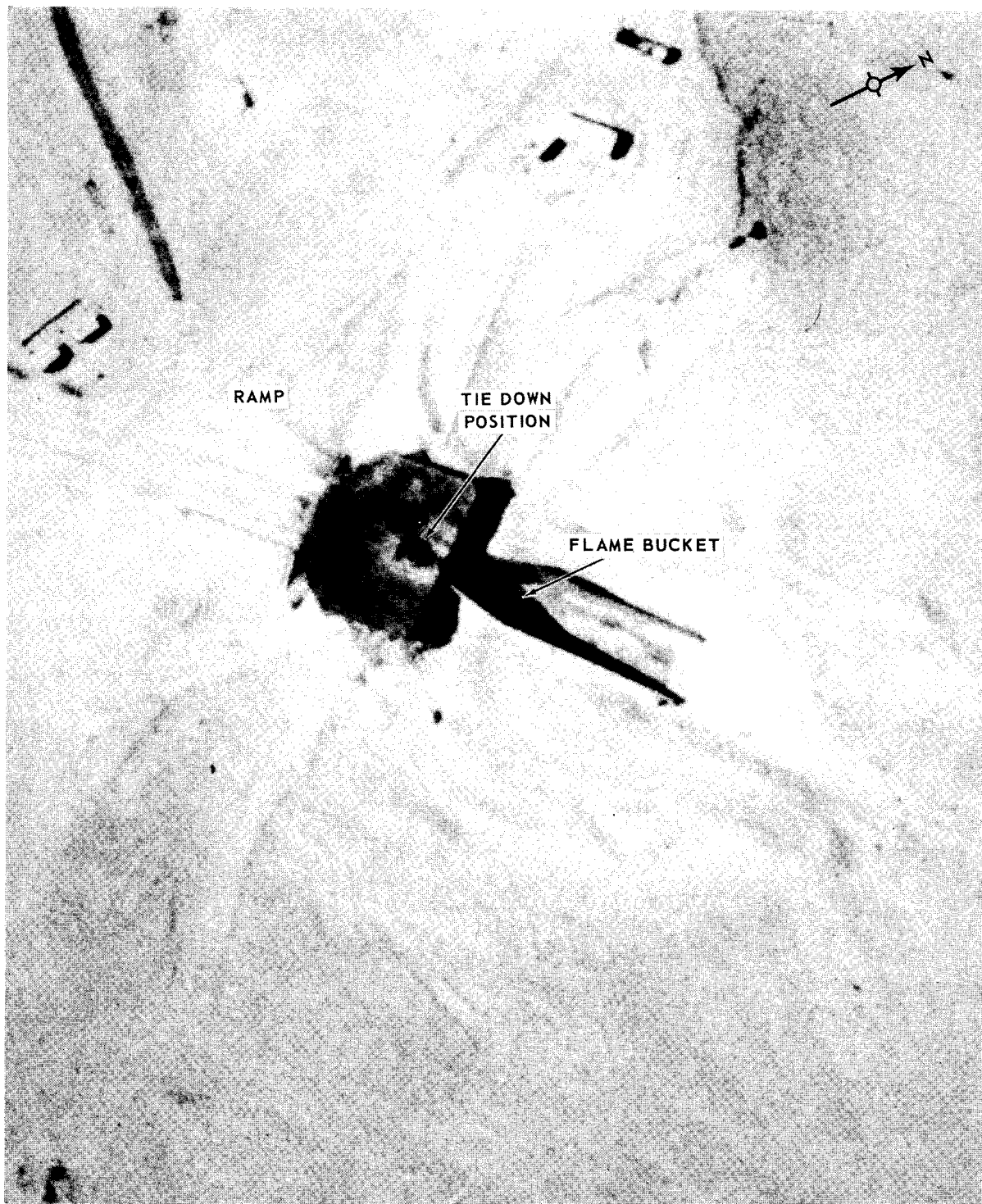
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MISSION 4022, 1-4 OCTOBER 1965

ATTACHMENT 2

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LAUNCH/TEST STAND, SSM COMPLEX, JABAL HAMZI, EGYPT

NPIC K-4090 (10/65)

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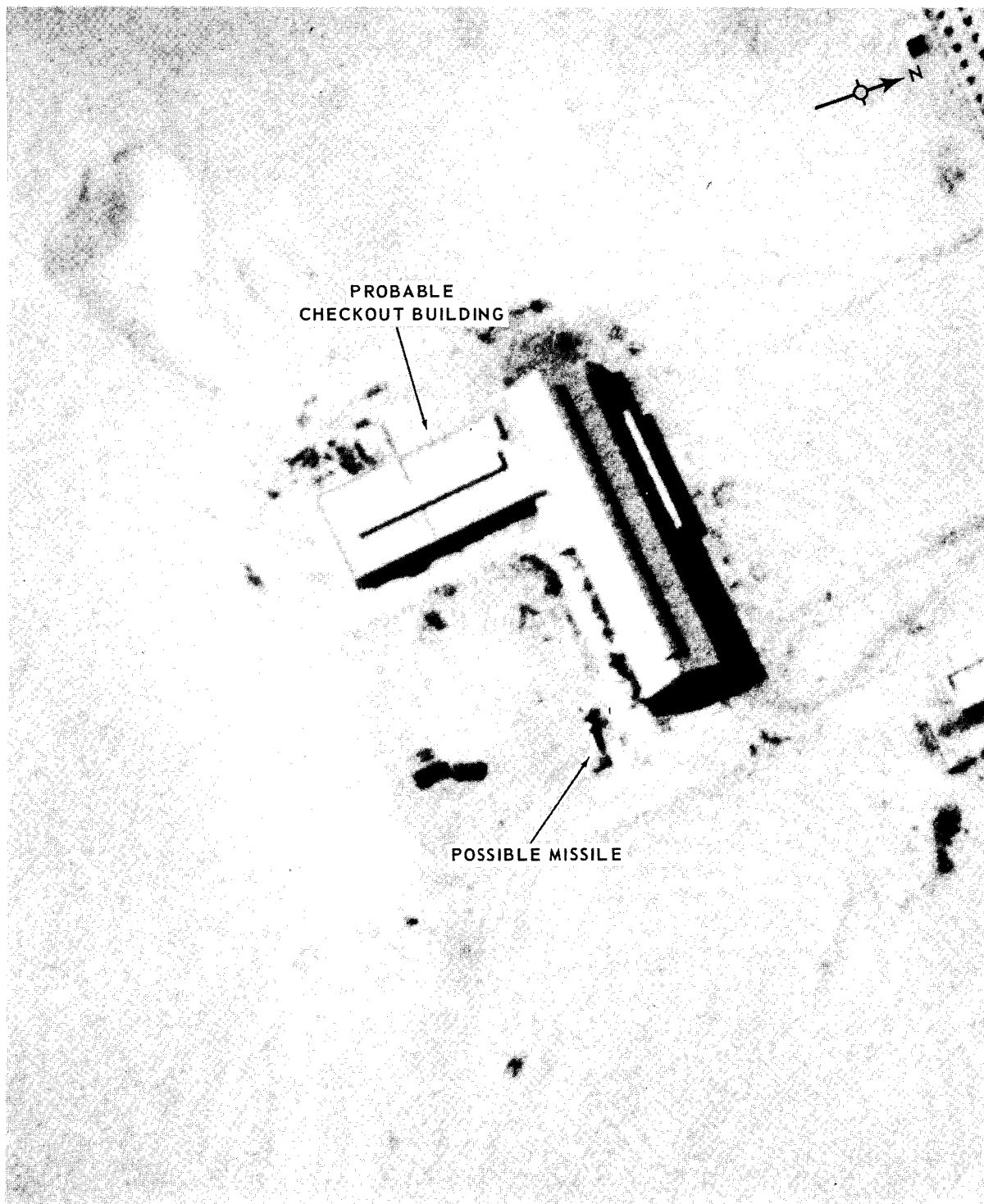
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MISSION 4022, 1-4 OCTOBER 1965

ATTACHMENT 3

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POSSIBLE MISSILE, SSM COMPLEX, JABAL HAMZI, EGYPT

NPIC K-409: (10/65)

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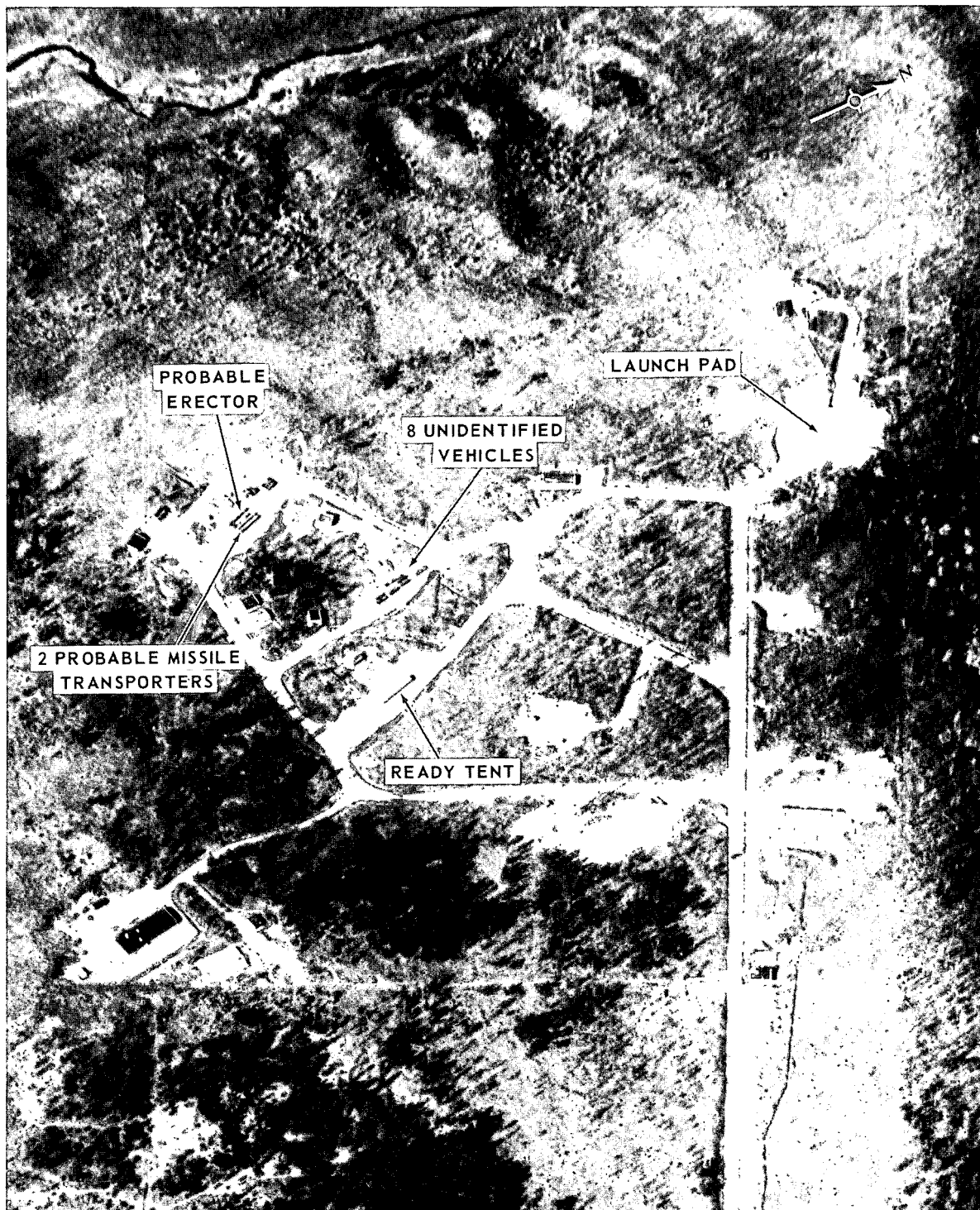
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MISSION 4022, 1-4 OCTOBER 1965

ATTACHMENT 4

25X1



MRBM LAUNCH FACILITY, SOVETSKAYA GAVAN, USSR

NPIC K-4092 (10/65)

TOP SECRET

25X1

TOP SECRET

MISSION 4022, 1-4 OCTOBER 1965

ATTACHMENT 5

25X1



FIXED FIELD MRBM SITE 1, GOMEL, USSR.

NPIC K-4093 (10/65)

TOP SECRET

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TOP SECRET

MISSION 4022, 1-4 OCTOBER 1965

ATTACHMENT 6

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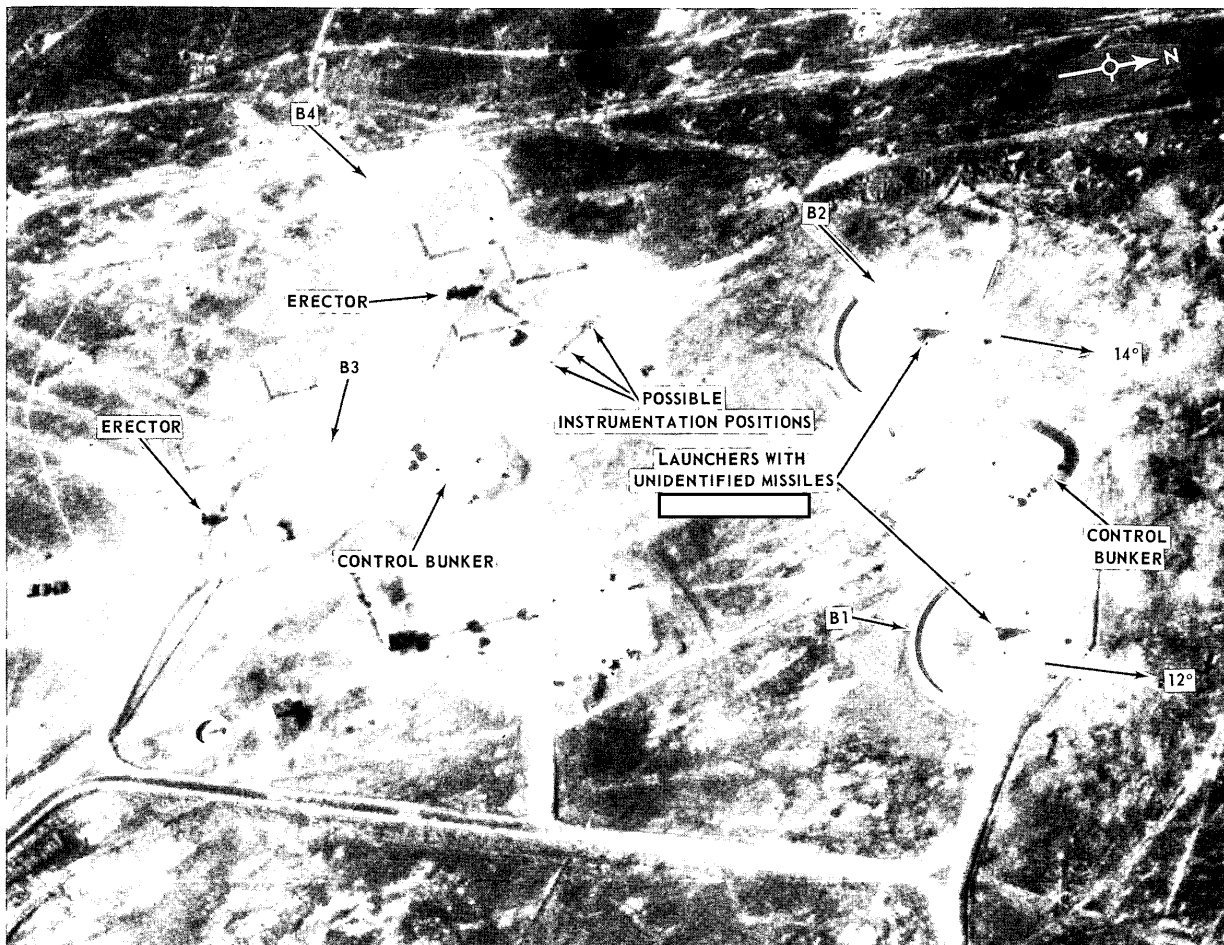


NPIC K-4094 (110/65)

LAUNCH FACILITY A, LAUNCH COMPLEX B, SARY-SHAGAN ANTIMISSILE TEST CENTER, USSR

TOP SECRET

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LAUNCH FACILITY B, COMPLEX B, SARY-SHAGAN ANTIMISSILE TEST CENTER, USSR

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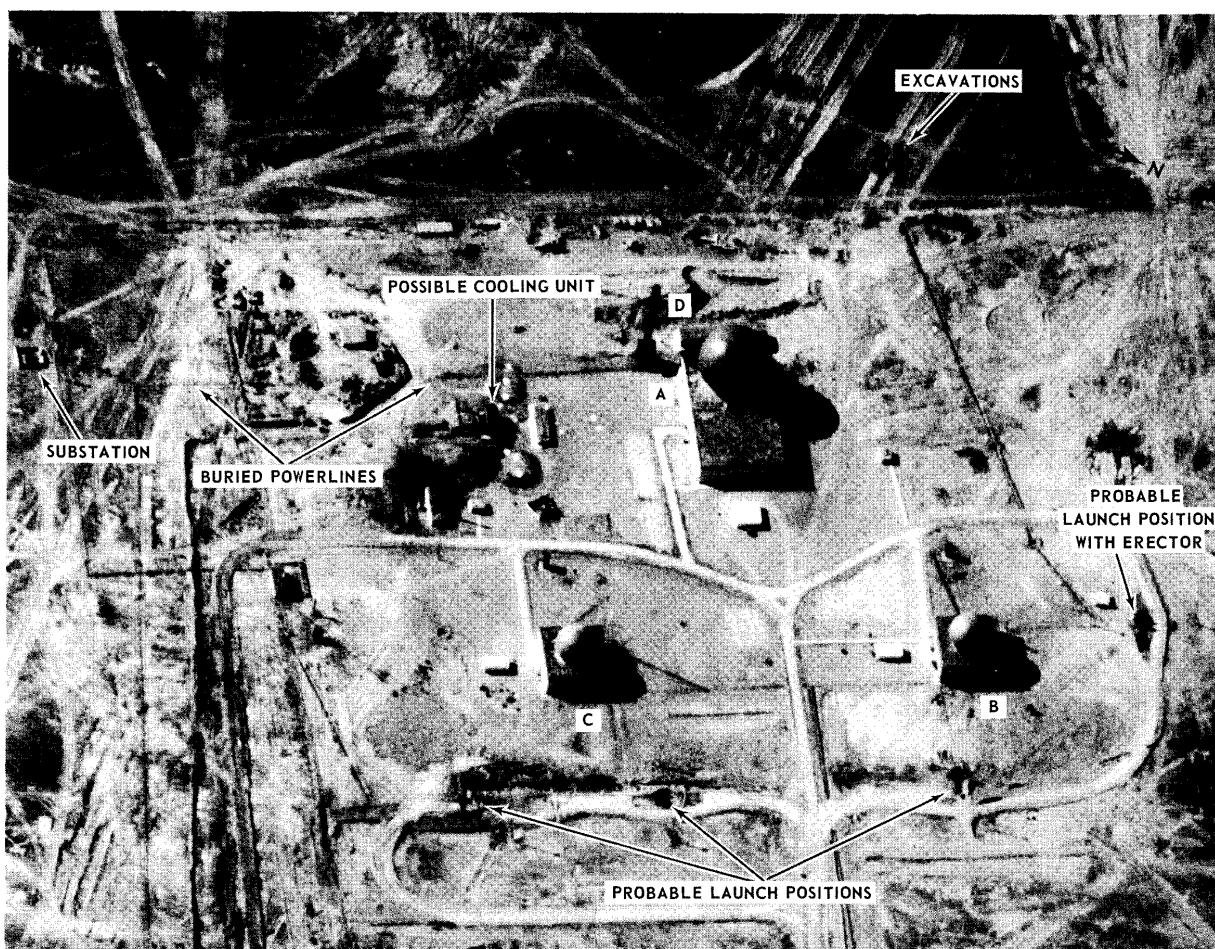
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MISSION 4022, 1-4 OCTOBER 1965

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ATTACHMENT 7



NPIC K-4096 (10/68)

TRIAD, LAUNCH COMPLEX B, SARY-SHAGAN ANTIMISSILE TEST CENTER, USSR

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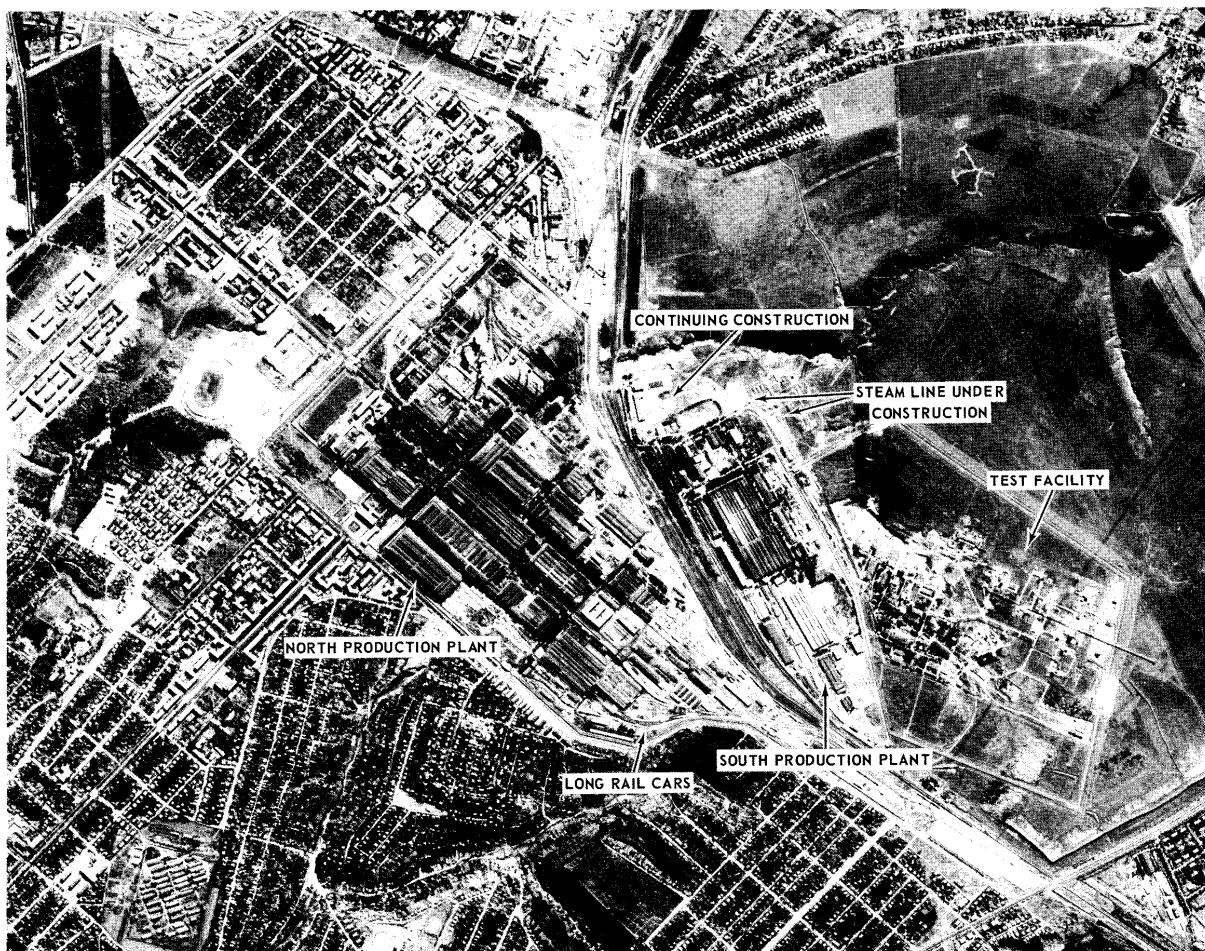
MISSION 4022, 1-4 OCTOBER 1965

ATTACHMENT 8

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NPIC K-4111 (10/65)

MISSILE DEVELOPMENT AND PRODUCTION CENTER, DNEPROPETROVSK, USSR

TOP SECRET
MISSION 4022, 1-4 OCTOBER 1965

ATTACHMENT 14

TOP SECRET

MISSION 4022, 1-4 OCTOBER 1965

ATTACHMENT 15

25X1
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NPIC K-4112 (10/65)

TEST FACILITY, MISSILE DEVELOPMENT AND PRODUCTION CENTER, DNEPROPETROVSK, USSR

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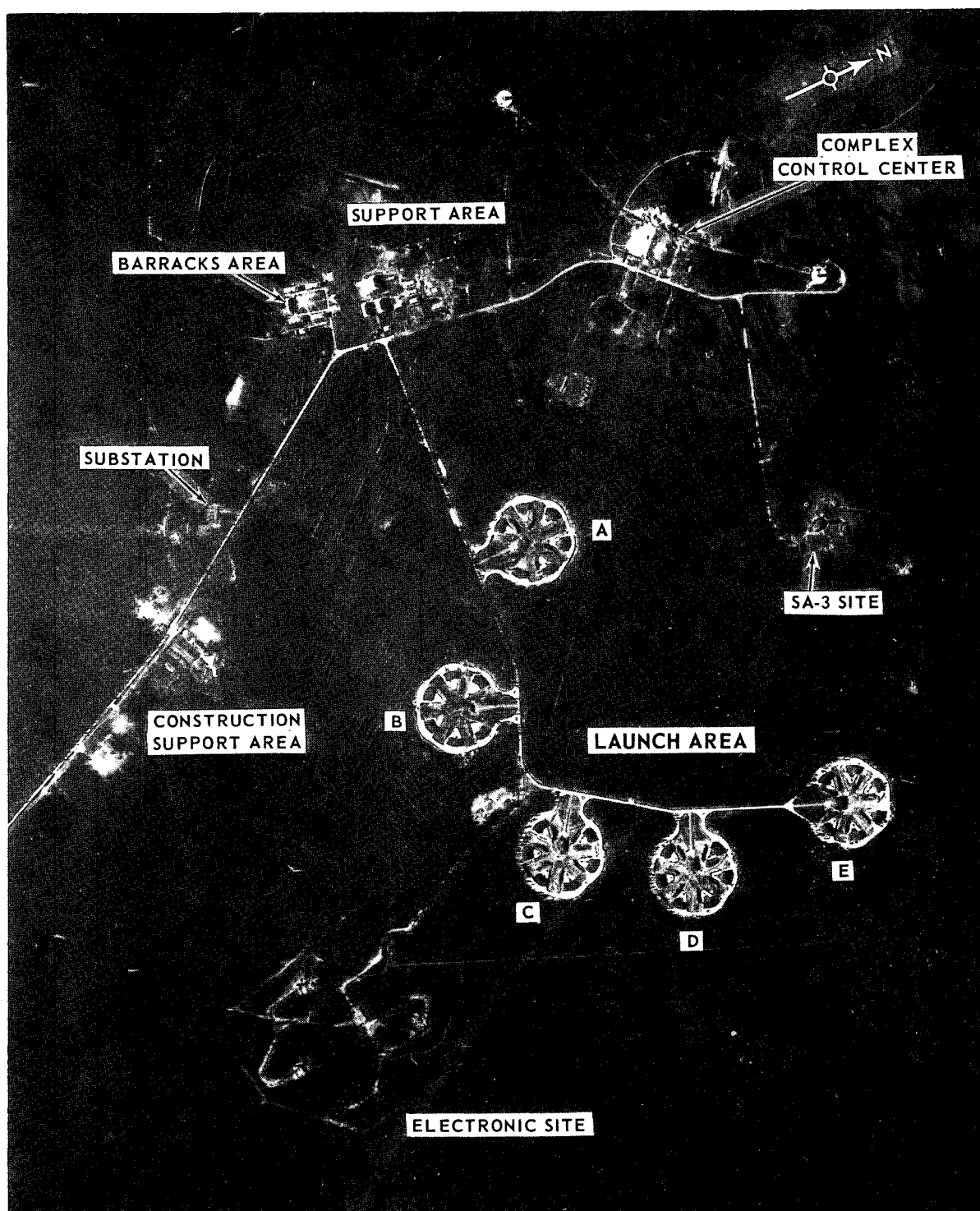
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MISSION 4022, 1-4 OCTOBER 1965

ATTACHMENT 16

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NORTHWEST AMM/SAM LAUNCH COMPLEX, LENINGRAD, USSR

NPIC K-4102 (10/65)

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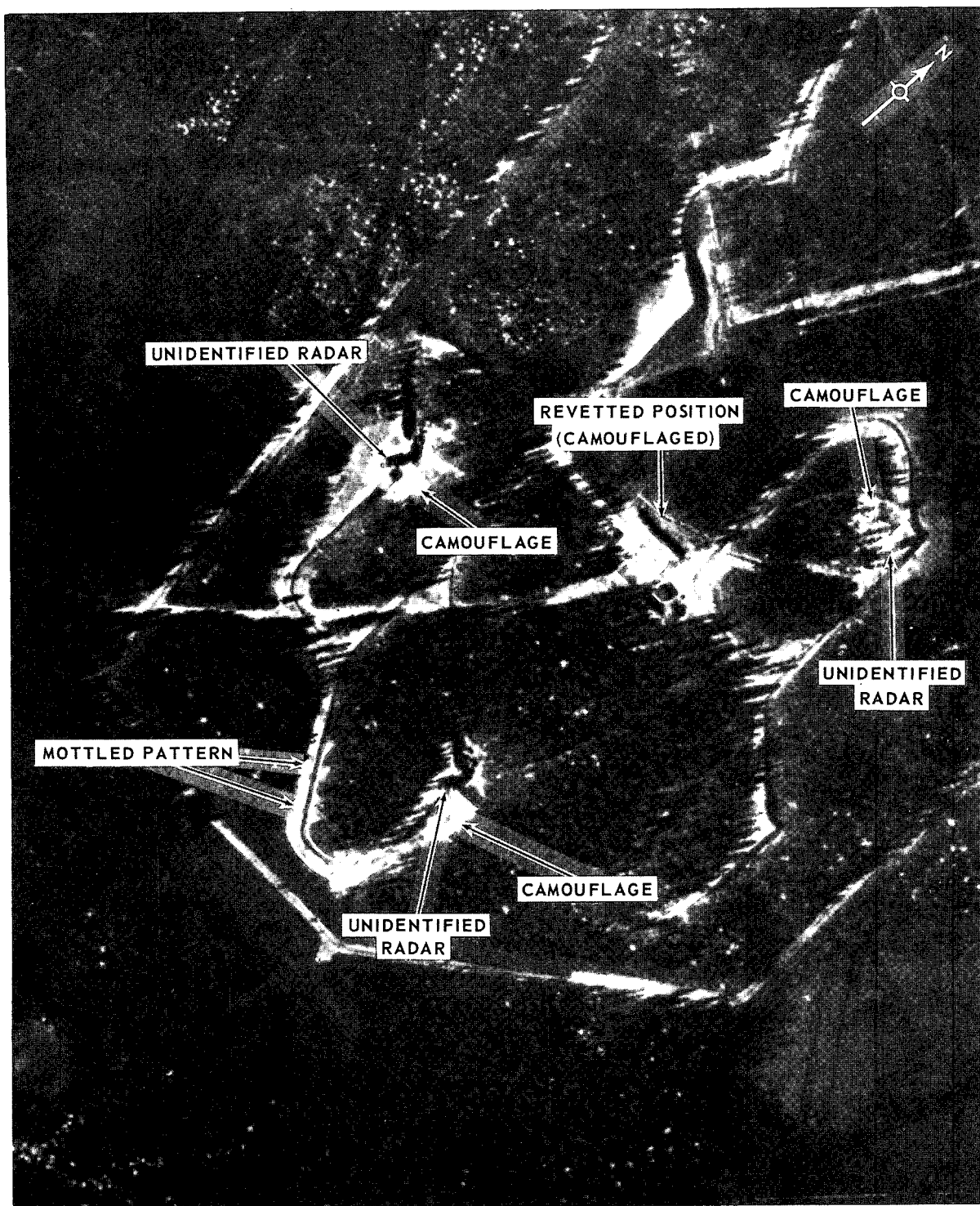
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MISSION 4022, 1-4 OCTOBER 1965

ATTACHMENT 17

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NPIC K-4103 (10/65)

ELECTRONIC SITE, NORTHWEST AMM/SAM LAUNCH COMPLEX, LENINGRAD, USSR

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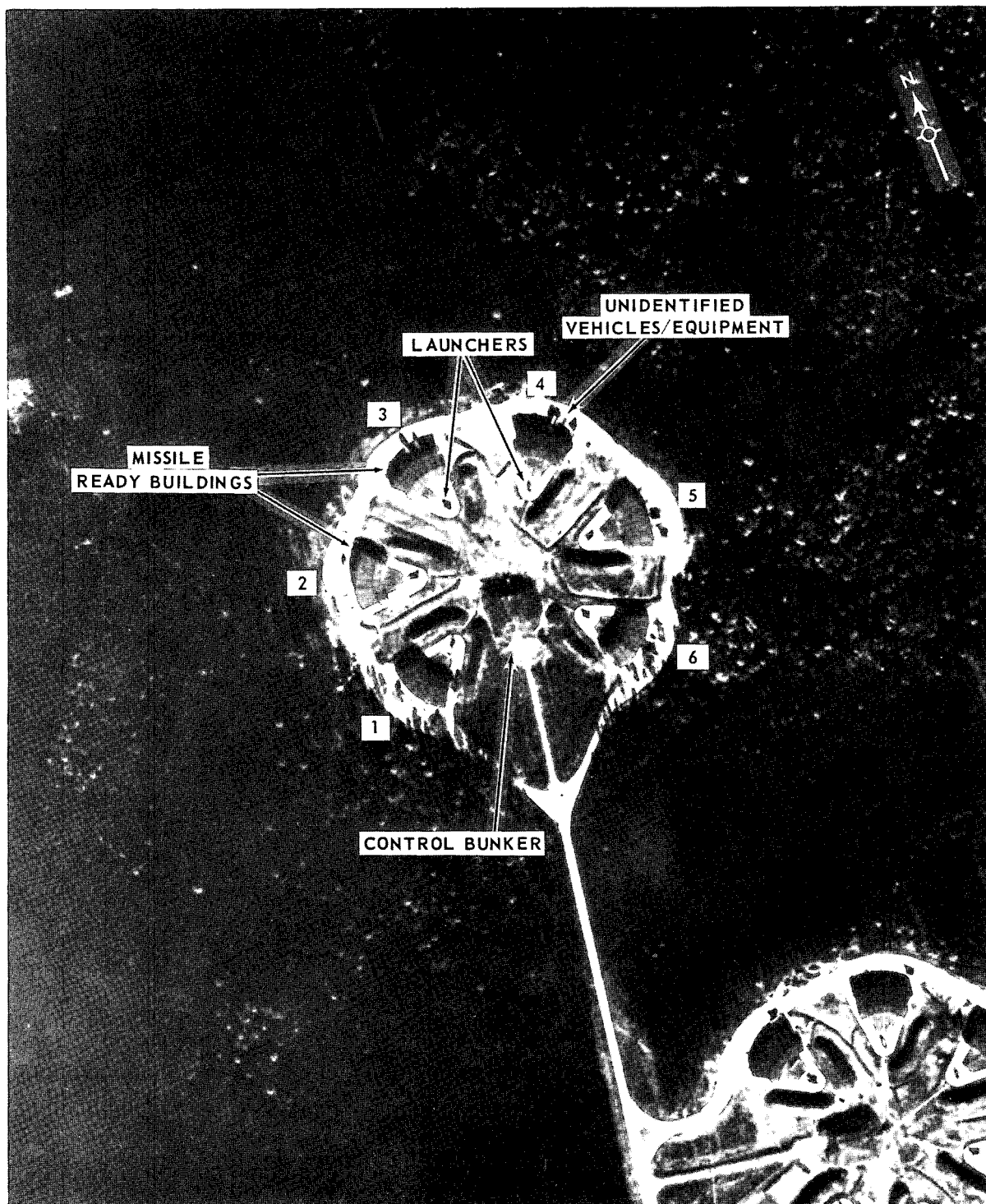
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TOP SECRET

MISSION 4022, 1-4 OCTOBER 1965

ATTACHMENT 18

25X1



LAUNCH SITE E, NORTHWEST AMM/SAM LAUNCH COMPLEX, LENINGRAD, USSR

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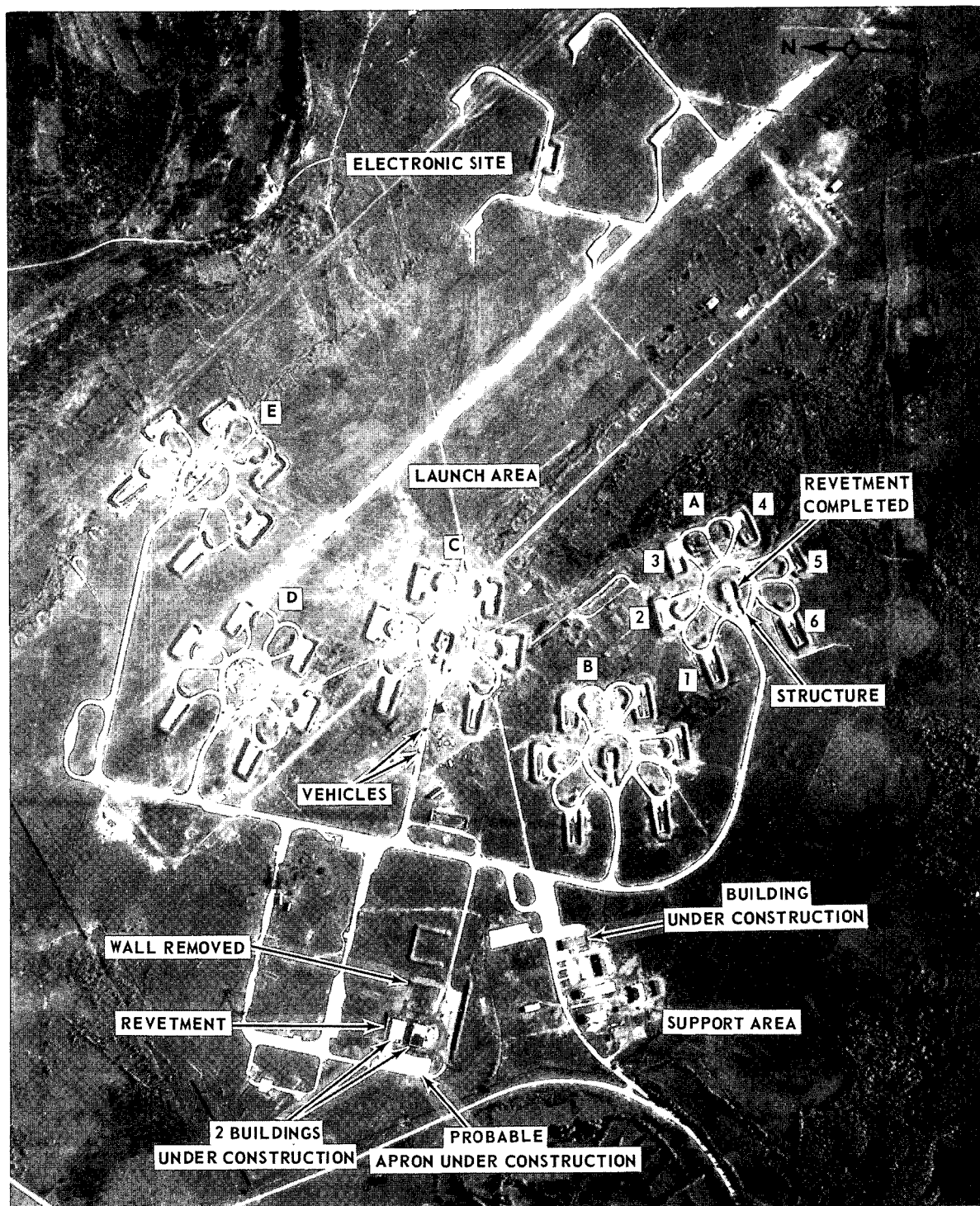
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MISSION 4022, 1-4 OCTOBER 1965

ATTACHMENT 19



NPIC K-4105 (10/65)

AMM/SAM LAUNCH COMPLEX, TALLINN, USSR

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25X1



REGIONAL MILITARY STORAGE INSTALLATION, NOVAYA MEZINOVKA, USSR

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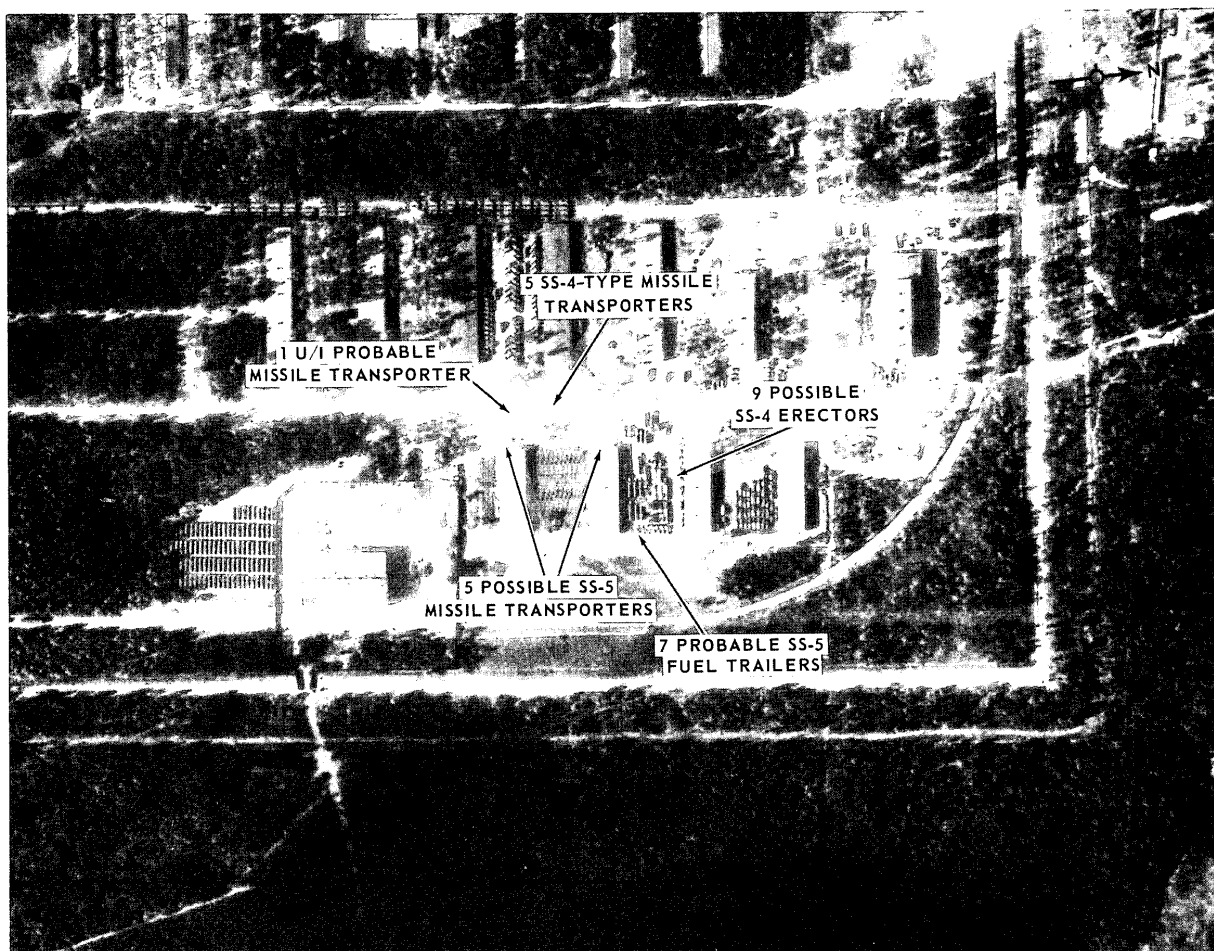
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MISSION 4022, 1-4 OCTOBER 1965

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ATTACHMENT 20



NPIC K-4107 (10/85)

REGIONAL MILITARY STORAGE INSTALLATION, NOVAYA MEZINOVKA, USSR

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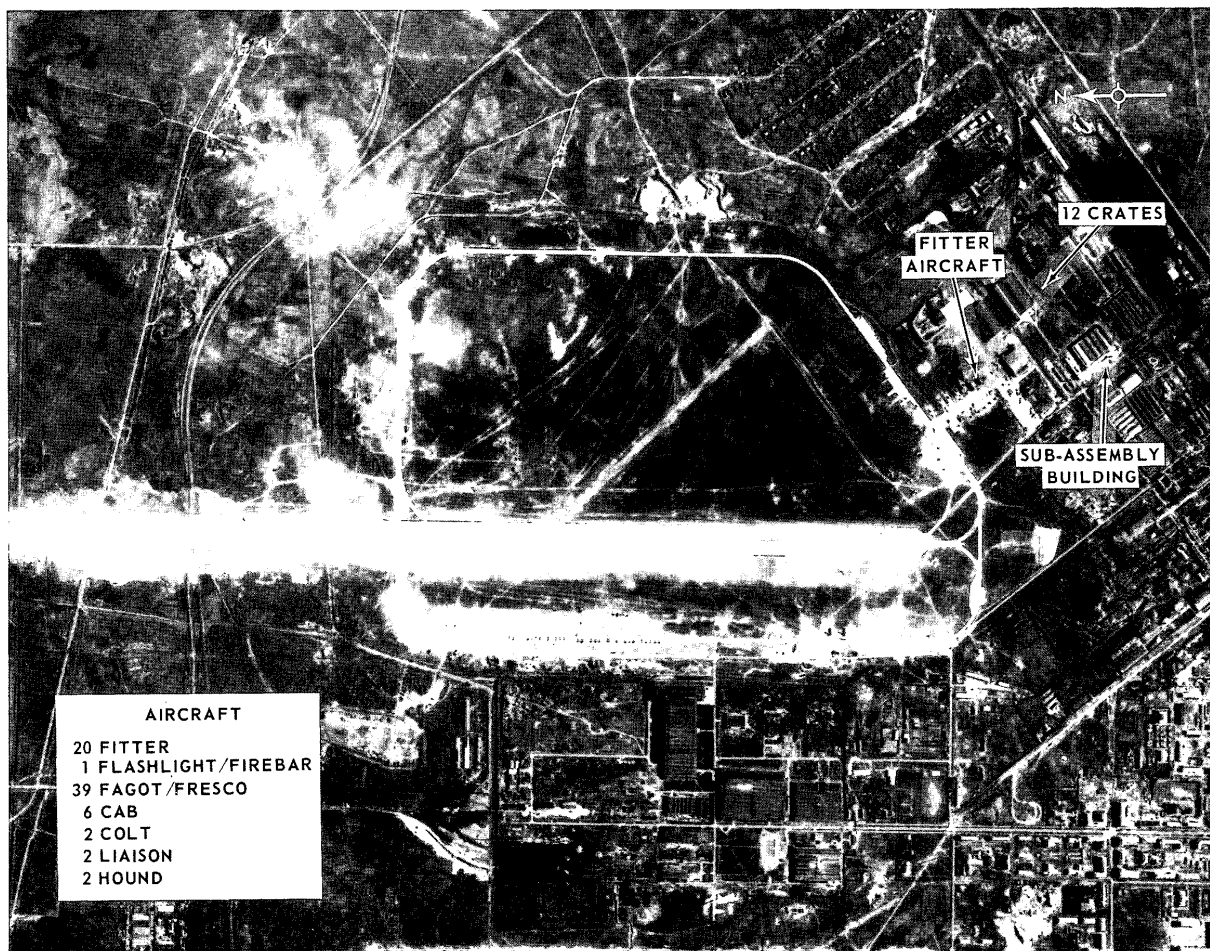
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MISSION 4022, 1-4 OCTOBER 1965

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ATTACHMENT 21

25X1



AIRFRAME PLANT ORDZHONIKIDZE 126, KOMSOMOLSK, USSR

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TOP SECRET
MISSION 4022, 1-4 OCTOBER 1965

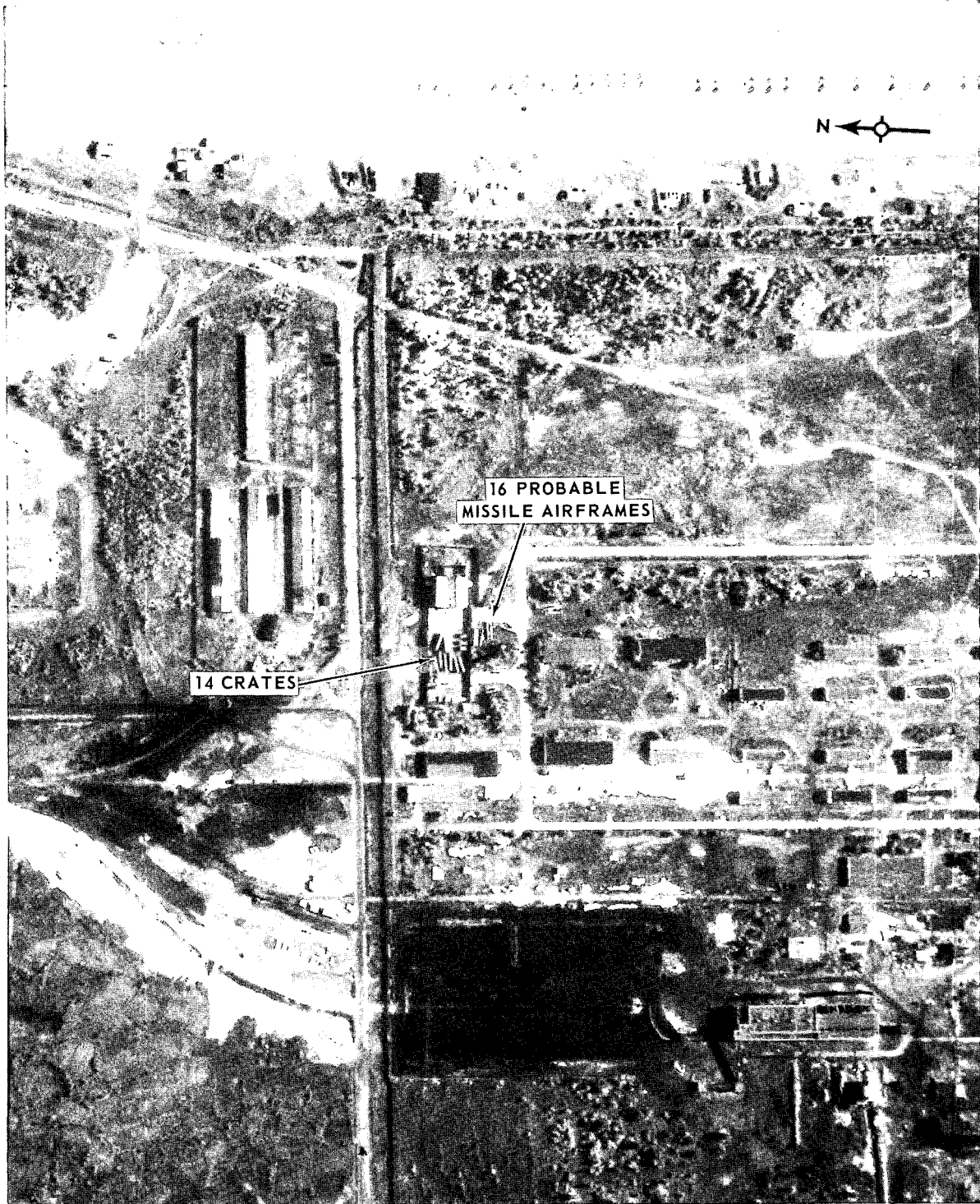
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MISSION 4022, 1-4 OCTOBER 1965

ATTACHMENT 23

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AIRFRAME PLANT ORDZHONIKIDZE 126, KOMSOMOLSK, USSR.

NPIC K-4109 (10/65)

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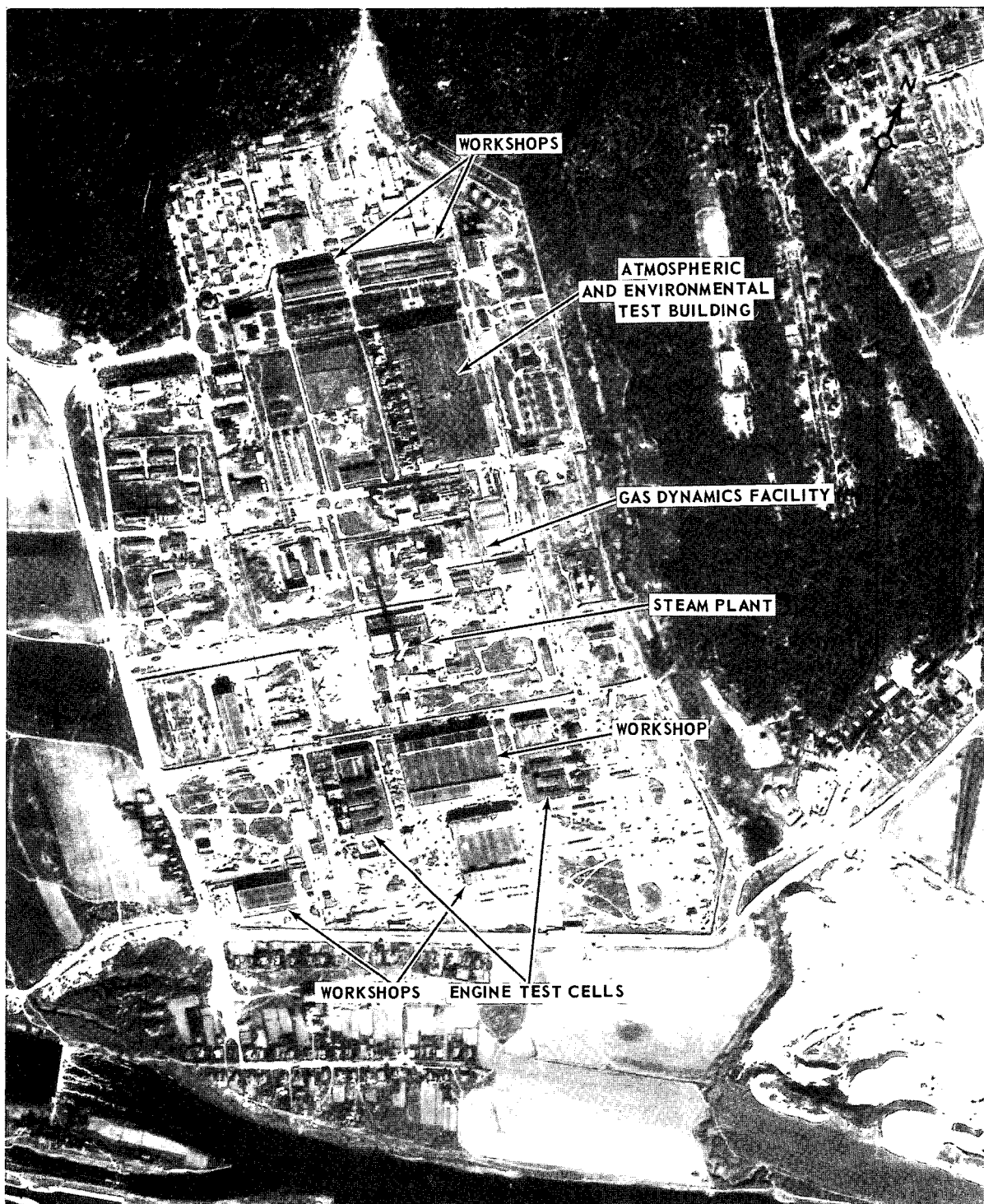
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MISSION 4022, 1-4 OCTOBER 1965

ATTACHMENT 24

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CENTRAL INSTITUTE OF AERO-ENGINES, MOSCOW, USSR

NPIC K-4110 (10/65)

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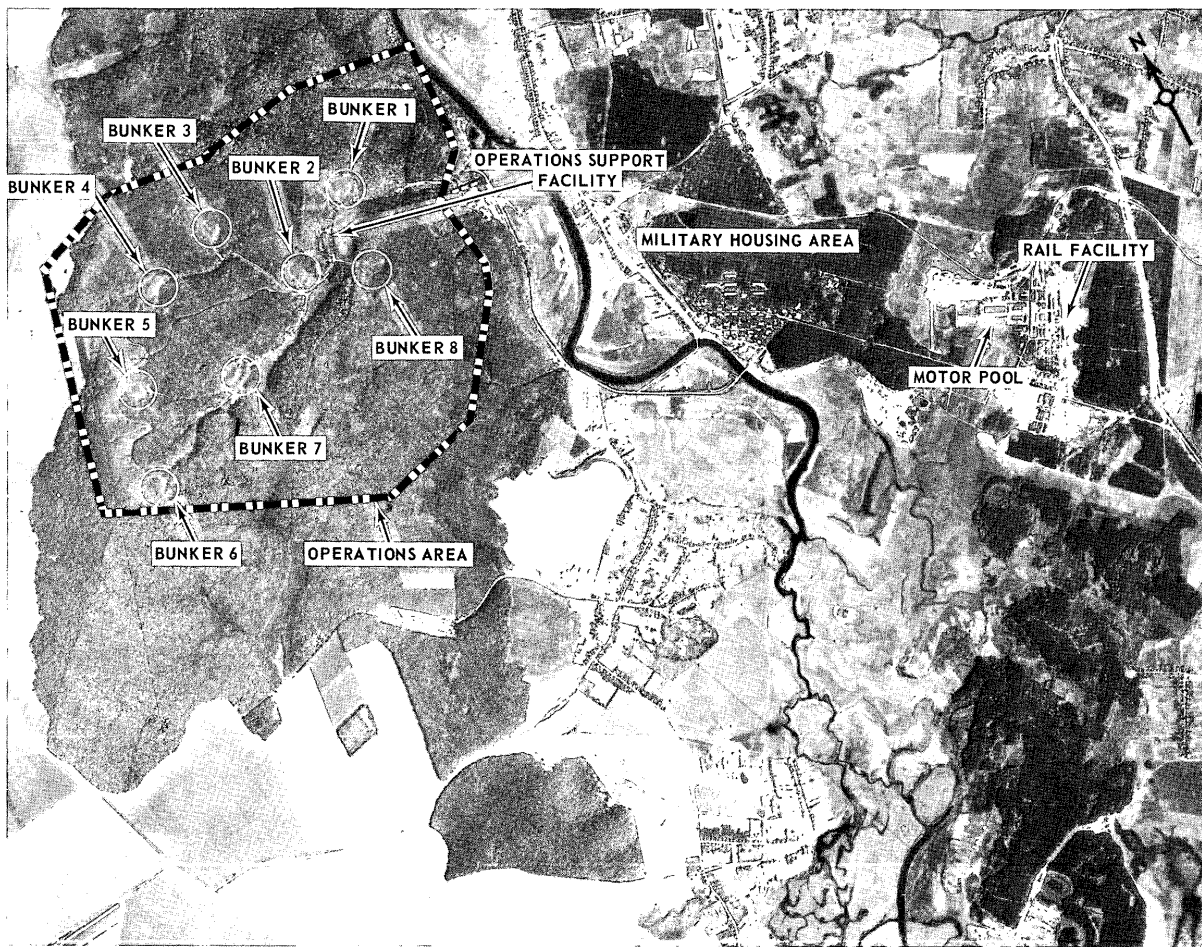
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SENSITIVE OPERATIONS COMPLEX, GOLOVCHINO, USSR

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MISSION 4022, 1-4 OCTOBER 1965

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ATTACHMENT 26

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MISSION 4022, 1-4 OCTOBER 1965

ATTACHMENT 27

25X1



OPERATIONS SUPPORT FACILITY, SENSITIVE OPERATIONS COMPLEX, GOLOVCHINO, USSR

NPIC K-4115 (10/65)

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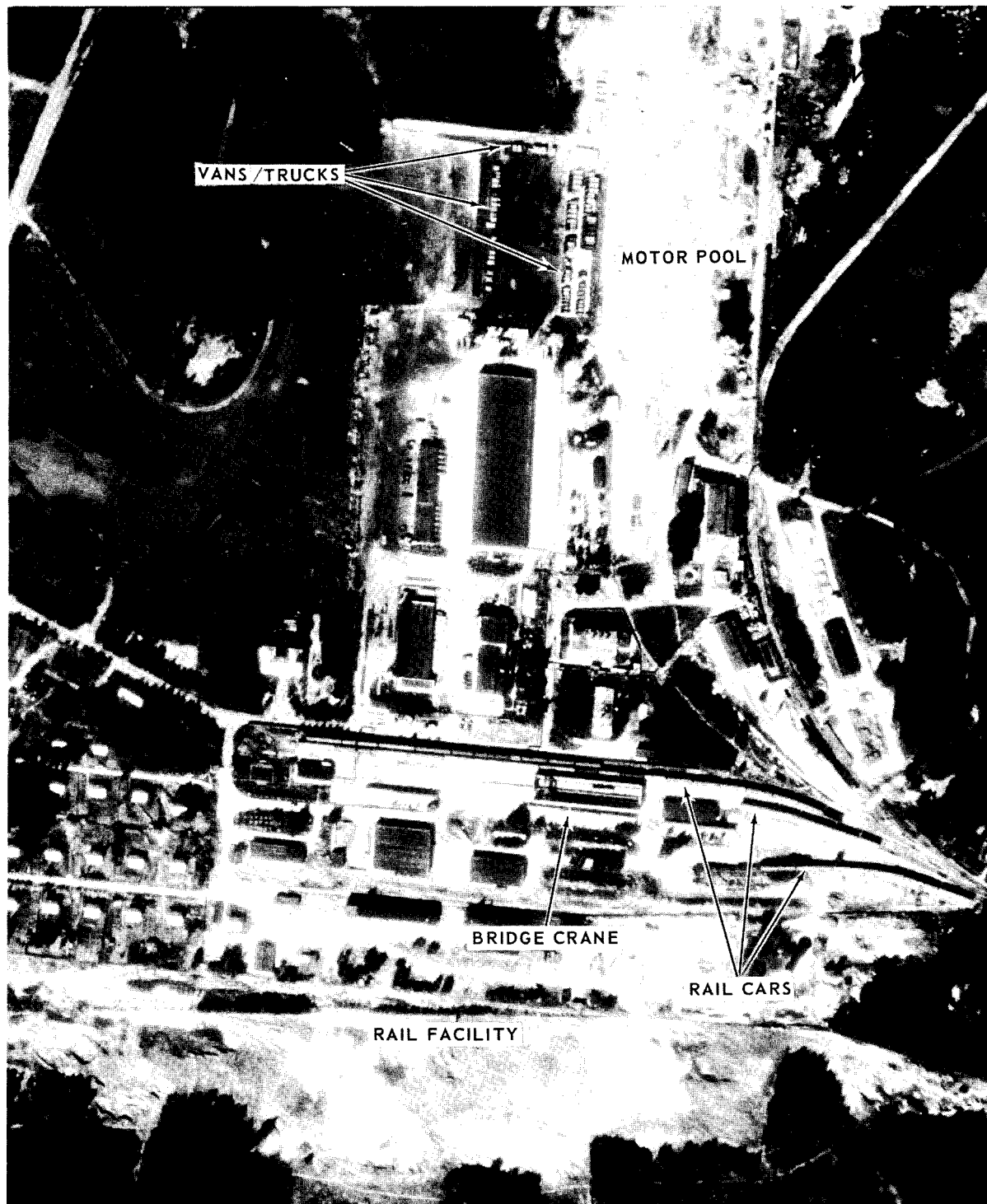
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MISSION 4022, 1-4 OCTOBER 1965

ATTACHMENT 28

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SENSITIVE OPERATIONS COMPLEX, GOLOVCHINO, USSR

NPIC K-4116 (10/65)

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